

# FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☒

Location Map Pinned ☒

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief ☒

Cons. NID to Field Office ☐

Approval Letter ☒

Disapproval Letter ☐

## COMPLETION DATA:

Date Well Completed 2-28-59

OW ☒ WWW ☐ TA ☐

SW ☐ OS ☐ PA ☐

Location Inspected ☐

Bond released ☐

State of Fee Land ☐

## LOGS FILED

Driller's Log 3-24-59

Electric Logs (No. ) 3

E ☐ I ☐ E-I ☒ GR ☐ GR-N ☒ Micro ☒

Lat ☐ Mi-L ☐ Sonic ☐ Other ☐

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Data Completed, P. & A. or  
operations suspended

Pin changed on location map

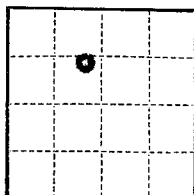
Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed





(SUBMIT IN TRIPLICATE)

Indian Agency NavajoUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYContract No. 14-20-603-207

Allottee \_\_\_\_\_

Lease No. \_\_\_\_\_

Lease No. 177844

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "P" Lease

Fort Worth, Texas, January 6, 1959.Well No. 15 is located 1900 ft. from N line and 1900 ft. from W line of sec. 33SE/4NW/4 Sec. 33 40-South 25-East SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Aneth-Cahone Mesa San Juan Utah  
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 4935 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE FORMATION			SIZE CASING			CASING PROGRAM (Approx)	
						Set at	Cement
Top of Aneth	5765'	8-5/8"	{ 1500' }	24.0#	New	1500'	1000 sz.
		5-1/2"	{ 5500' }	14.0#	New		
		5-1/2"	{ 465' }	15.5#	New	5965'	500 sz.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY  
P.O. Box 1720  
Address Fort Worth, TexasTHE TEXAS COMPANYBy J. J. VeltenTitle Division Civil Engineeram

Navajo Tribe of Indian-Lands

Sec. 29

The Texas Co. Lse "F"

Sec. 28  
Continental Lse.

Sec. 27  
Continental Lsc.

Sec 26  
Sinclair Lse.

Navajo Tribe "P"  
The Texas Co. Lse.  
2560 Ac.

T  
40  
S

Sec. 35  
Honolulu Lse.

Sec. 32

Superior Lse.

Sec. 34

Diagram showing a traverse with points 11, 12, 13, 14, and 15. Distances and angles are labeled:

- 11-12: 680'
- 12-13: 2140'
- 13-14: 1850'
- 14-15: 1772'
- Angles: 130°, 132°, 130°, 130°, 130°
- Bearing: R-25-E

Honolulu L se.

Sec 2

G.D. Fahr 41  
Lee 5

State

Sec 5

Superior Lse "C"

42-5

8

44-5

Sec. 4

Sec 3

Sec. 8

Carter Lse.

Sec. 9

Superior Lse. "J"

Sec. 10

Superior Lsc.

505.11

Honolulu Lse.

SAN JUAN COUNTY, UTAH  
Scale 1" = 2000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

According to my best  
J. J. Velten  
J. J. Velten - Div  
The Texas Company

Registered Professional Engineer - State of Texas

January 9, 1939

The Texas Company  
P. O. Box 1720  
Fort Worth 1, Texas

Attention: J. J. Velton, Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe F-13, which is to be located 750 feet from the South line and 2030 feet from the West line of Section 29, Township 40 South, Range 25 East, 51M, San Juan County, Utah, and Well No. Navajo Tribe D-15, which is to be located 1980 feet from the North line and 1980 feet from the West line of Section 33, Township 40 South, Range 25 East, 51M, San Juan County, Utah.

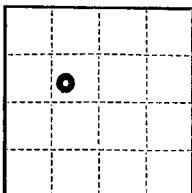
Please be advised that insofar as this office is concerned, approval to drill said wells is hereby granted under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Oil & Gas Conservation Commission, State of Utah.

This approval terminates within 90 days, if the above mentioned wells are not spudded in within said period.

Yours very truly,  
OIL & GAS CONSERVATION COMMISSION

C. R. FREIGHT  
Executive Secretary

CHF/ep  
cc: Phil McGrath  
Bos., Farmington  
New Mexico



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee \_\_\_\_\_

Lease No. 14-20-603-2057

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "P"

February 17, 1959

Well No. 15 is located 1980 ft. from N line and 1980 ft. from Ex line of sec. 33

NW 1/4 of Section 33  
(1/4 Sec. and Sec. No.)

40-S 25-E  
(Twp.) (Range)

SLM  
(Meridian)

McElmo Creek  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4935 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 1:00 A.M., February 3, 1959.

Drilled 11" hole to 1500' and cemented 1490' of 8-5/8" O.D. casing at 1500' with 1050 sacks of cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address Box 817

Farmington, New Mexico

By C.H. McElroy

Title Asst. Dist. Supt.

INITIAL WELL TEST

McELMO CREEK UNIT # S-10

DATE February 28, 1959

OIL BBL/DAY 1524

OIL GRAVITY 41

GAS CU.FT/DAY \_\_\_\_\_

GAS-OIL RATIO CU/FT/BBL \_\_\_\_\_

WATER BBL/DAY \_\_\_\_\_

PUMPING/FLOWING F

CHOKE SIZE \_\_\_\_\_

FLOW TUBING PRESSURE \_\_\_\_\_

McElmo Creek Unit

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

(a) Well Data Sheets.

- (b) (1) Plat #1.  
(2) Well Data Sheets.  
(3) Well Data Sheets & Logs.  
(4)

i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.

ii. Maximum Surface Pressure: 2800 psig.  
Maximum Rate: 4000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1300' avg.	Shale
DeChelly	2350' avg.	Sandstone
Organ Rock	2600' avg.	Shale
Hermosa	4400' avg.	Limestone
Upper Ismay	5300' avg.	Limestone
Lower Ismay	5370' avg.	Limestone
Gothic	5450' avg.	Shale
Desert Creek	5460' avg.	Limestone
Chimney Rock	5550' avg.	Shale

(5)

(i) A throttling valve is installed on the wellhead to control injection rates and pressures.

(ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

(iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5	Ca: 13770 ppm	SO4: 25 ppm
CL: 16700 ppm	Mg: 11421 ppm	H2S: 30 ppm
Fe: 3 ppm	HCO3: 109.8 ppm	Na: -
CaCO3: 18470 ppm	CO3: -	Specific Gravity: 1.0553

McElmo Creek Unit

(5) Cont.

(iv) The injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.

(v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.

(vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

PH: 6.6	Ca: 17410 ppm	SO <sub>4</sub> : 33 ppm
CL: 34800 ppm	Mg: 11518 ppm	H <sub>2</sub> S: 10 ppm
Fe: 1.5 ppm	HCO <sub>3</sub> : 48.8 ppm	Ba: -
CaCO <sub>3</sub> : 22150 ppm	CO <sub>3</sub> : -	Specific Gravity: 1.0902

(6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.

(7) N/A.

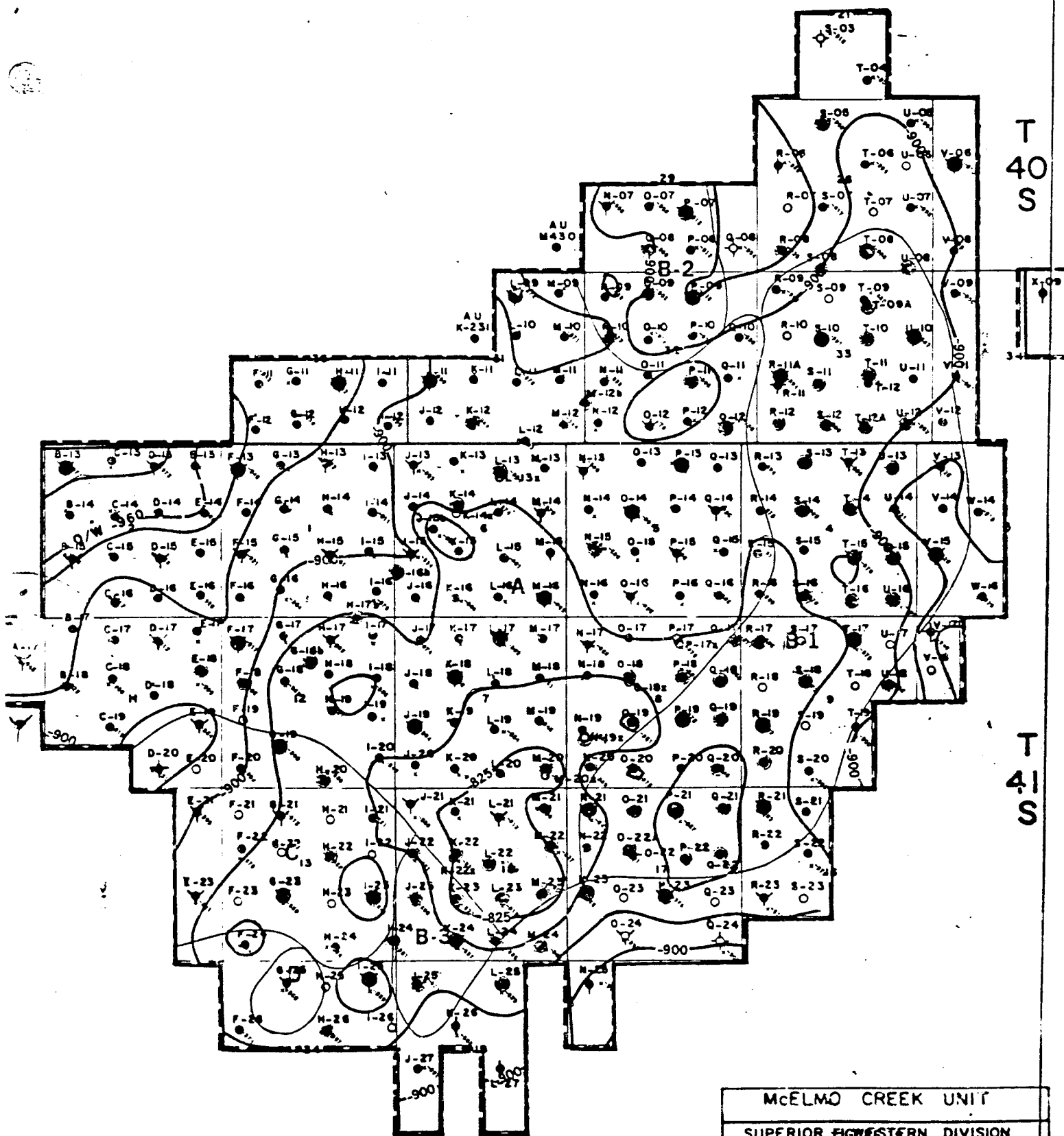
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) N/A.

(10) N/A.

R24E

R25E



## LEGEND

- FUTURE LOCATION
- DRILLING WELL (STATUS)
- OIL WELL
- ▼ WATER INJECTION WELL
- DUAL SERVICE, INJ/PROD

O/W CONTACT -960

0 2000' 4000'

McELMO CREEK UNIT

SUPERIOR OIL &amp; GAS COMPANY

McELMO CREEK UNIT  
SAN JUAN COUNTY, UTAH

SUPERIOR OIL &amp; GAS COMPANY

BY TOP OF SECTION

DESERT CREEK LIMESTONE, DEN

DATE: 4-14-70 DRAWING NO.

BY:	SCALE:
DATE:	C.I.: 25ft.
CHECKED:	DRAWN BY:

THE SUPERIOR OIL COMPANY 36.55075%  
Area #2

McELMO CREEK UNIT #S-10  
1980' FNL, 1980' FWL  
Section 33, T40S, R25E  
San Juan County, Utah

WATER INJECTION WELL

FIELD: McELMO CREEK

KB: 4957' DF: 4956' TD: 5906' PBTD: 5886' TLD: 9.00' TOC: 3366'

SPUDDED: 2-2-59

COMPLETED: 2-28-59

INJECTION ZONES: Desert Creek Zone I, II

PERFS: Zone I - 5754-5820' (4 jets/ft)  
Zone II - 5840-59', 5870-76' (4 jets/ft)

CASING: 8-5/8" 24#, 8R J-55 w/ 1050 sx 1500'  
4-1/2" 9.5#, 8R J-55 w/ 250 sx 5906'

TUBING: 181 jts 2-7/8" 6.5#, J-55 8R EUE w/ TK-75 lining at 5642'.

PACKERS: 4-1/2" Baker R-3, DG at 5651'.

PUMP'G EQUIP: Injection equipment.

WELL HEAD: 6" Series 600 National.

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2-27-59	Perf'd 5870-76', acidized w/ 1000 gals 15% acid. Perf'd 5754-5820', 5840-59', acidized all perfs w/ 8,600 gals 15% acid.
11-7-64	Converted to water injection.
1-31-74	Acidized all perfs w/ 2000 gal 28% iron sequestering acid. FP 0#, ISIP 0#.
11-4-77	Treated w/ 4,536 gals 28% acid. FP 1600 psi, ISIP 1200 psi.
5-9-80	Milled out packer. Acidized D.C. Zone I w/ 71 bbls 28% HCL acid.
12-20-82	Acidized w/ 5000 gal 28% HCL acid, 10,000 gal Murifrac 28% HCL acid in 5 stages using 10,000# rocksalt w/ gel. Max press 2300# at breakdown at 2-1/2 bbls/min. Avg treating press 1300 psi at 6 bbls/min. Shut down pressure 200 psi, final shut in pressure on vacuum.

2-16-83

# CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Superior Well No. Mc Elmo Creek Unit 5-10

County: San Juan T 40S R 25E Sec. 33 API# 43-037-16375

New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<u>✓</u>	<u>      </u>
Plat including Surface Owners. Leaseholders, and wells of available record	<u>✓</u>	<u>      </u>
Schematic Diagram	<u>✓</u>	<u>      </u>
Fracture Information	<u>      </u>	<u>✓</u>
Pressure and Rate Control	<u>✓</u>	<u>      </u>
Adequate Geologic Information	<u>✓</u>	<u>      </u>

Fluid Source

Desert Creek Ismay

Analysis of Injection Fluid

Yes ✓ No        TDS 60,000 +

Analysis of Water in Formation to be injected into

Yes ✓ No        TDS 70000 +

Known USDW in area

Navajo-Chinle Depth 1300

Number of wells in area of review

9 Prod. 17 P&A 0

Water 0 Inj. 2

Aquifer Exemption

Yes        NA ✓

Mechanical Integrity Test

Yes ✓ No       

Date 11-2-84 Type Water Truck Survey

Comments: \_\_\_\_\_

Reviewed by: CRJ

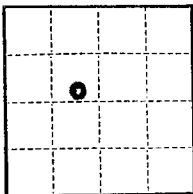
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-30-603-2057



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<b>XX</b>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Navajo Tribe** <sup>SPM</sup>

March 19, 1959

Well No. 15 is located 1980 ft. from N line and 1980 ft. from W line of sec. 33

Wt of Section 33  
(¼ Sec. and Sec. No.)

40-S  
(Twp.)

25-E  
(Range)

SLM  
(Meridian)

McKimo Creek  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4935 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 6-3/4" hole to 5906' and cemented 5896' of 4-1/2" O.D. Casing at 5906' with 250 sacks of cement. Top of cement 4600'. Tested casing with 1000# pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address Box 617

Farmington, New Mexico

By C. H. McNeal

Title Asst. Dist. Supt.

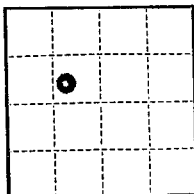
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. \_\_\_\_\_



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	<b>X</b>
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 20, 1959

Navajo Tribe "p"  
Well No. 15 is located 1980 ft. from N line and 1980 ft. from W line of sec. 33

NW 1/4 of Sec. 33 (1/4 Sec. and Sec. No.) 40-S (Twp.) 25-E (Range) SLM (Meridian)  
McElmo Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4935 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5906'. Plugged back depth 5886'.

Perforated 4-1/2" casing from 5870' to 5876' with 4 jet shots per foot. Acidized perforations through 2" tubing with 1000 gallons of regular 15% acid. Perforated 4-1/2" casing from 5754' to 5820' and 5840' to 5859' with 4 jet shots per foot. Ran 2" tubing to 5739' with packer set at 5720' and acidized all perforations in 4 stages with 8600 gallons of regular 15% acid using 800 gallons of fix-a-frac.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

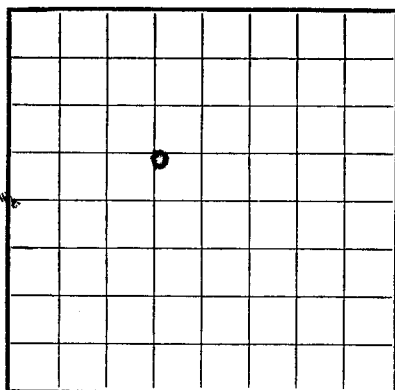
Address P. O. Box 817

Farmington, New Mexico

By C. H. McEl

Title Asst. Dist. Sup't.

U. S. LAND OFFICE **Navajo**  
SERIAL NUMBER **14-20-603-2057**  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **The Texas Company** Address **Box 817, Farmington, N. M.**  
Lessor or Tract **Navajo Tribe "P"** Field **McElmo Creek** State **Utah**  
Well No. **15** Sec. **33** T. **40-S** R. **25-E** Meridian **SLM** County **San Juan**  
Location **1980** ft.  $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$  of **N** Line and **1980** ft.  $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$  of **N** Line of **Section 33** Elevation **4935'**  
(Derrick floor relative to level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date **March 24, 1959**Title **Asst. Dist. Sup't.**

The summary on this page is for the condition of the well at above date.

Commenced drilling **February 2**, 1959 Finished drilling **February 21**, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5754'** to **5876'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from **None** to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<b>8-5/8</b>	<b>24</b>	<b>8R</b>	<b>Suls</b>	<b>1490</b>	<b>Baker</b>	<b>None</b>			
<b>4-1/2</b>	<b>9.5</b>	<b>8R</b>	<b>Suls</b>	<b>5895</b>	<b>Baker</b>	<b>None</b>			

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8-5/8</b>	<b>1500</b>	<b>1050</b>	<b>Halliburton</b>		
<b>4-1/2</b>	<b>5906</b>	<b>250</b>	<b>Halliburton</b>		

## PLUGS AND ADAPTERS

Heaving plug—Material **None** Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material **None** Size \_\_\_\_\_

FOLD MARK

8-5/8	1500	1050	Halliburton
4-1/2	5906	250	Halliburton

## PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **--** Depth set **--**  
 Adapters—Material **None** Size **--**

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<b>None</b>						

## TOOLS USED

Rotary tools were used from **0** feet to **5640** feet, and from **--** feet to **--** feet  
 Cable tools were used from **--** feet to **--** feet, and from **--** feet to **--** feet

## DATES

**--**, 19**--** Put to producing **Tested Feb. 28**, 19**59**  
 The production for the first 24 hours was **1524** barrels of fluid of which **100**% was oil; **--**%  
 emulsion; **--**% water; and **--**% sediment. Gravity, °Bé. **41°**  
 If gas well, cu. ft. per 24 hours **--** Gallons gasoline per 1,000 cu. ft. of gas **--**  
 Rock pressure, lbs. per sq. in. **--**

## EMPLOYEES

**C. A. Hildebrand**, Driller **T. L. Scott**, Driller  
**R. F. Houser**, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	168	168	Sand & Surface Rock
168	434	266	Sand
434	2566	2132	Sand & Shale
2566	2686	120	Shale
2686	3017	331	Sand & Shale
3017	3272	255	Shale & Anhydrite
3272	3373	101	Sand & Shale
3373	3600	227	Shale
3600	4030	430	Sand, Shale & Anhydrite
4030	4112	82	Lime, Shale & Anhydrite
4112	4776	664	Lime & Shale
4776	4975	199	Lime & Dolomite
4975	5344	369	Lime & Shale
5344	5567	223	Shale
5567	5906	339	Lime & Shale
Total Depth 5906'			
Plugged Back Depth 5886'			

FROM—

TO—

JOINT FEET

[OVER]

JOB NUMBER

10-43094-4

FORMATION RECORD—CONTINUED

301959

After drilling to 5906' and cementing 4-1/2" casing, cement plug was drilled from 5840' to 5886' (P.B.T.D.). Perforated 4-1/2" casing from 5780' to 5876' with 4 jet shots per foot. Acidized perforations through 2" tubing with 1000 gallons regular 15% acid. After acidizing, well flowed 350 barrels of oil in 9 hours. Killed well and perforated 4-1/2" casing from 5754' to 5820' and 5840' to 5859' with 4 jet shots per foot. Ran 2" tubing to 5739' with packer set at 5720' and acidized all perforations in 4 stages with 8600 gallons of regular 15% acid using 800 gallons of fix-a-frac. After swabbing, well flowed 254 barrels of oil in 4 hours.

The minimum in this band is for the absorption of the  $\alpha$  and  $\beta$  rays.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

FOIA(b)(7)(C) - The information is withheld because it is the internal communications of the FBI and its release would be likely to result in the identification of confidential sources and the disclosure of confidential information.

Date: \_\_\_\_\_ Page: \_\_\_\_\_

[illegible]

FOO OF OT OK CVZ MERT

DEPARTMENT OF THE INTERIOR

REPLY OF J. J. WHITE TO KROGER'S LETTER OF 1901

DATE OF BIRTH: \_\_\_\_\_

U.S. 1970 Census

U.S. DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

# FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
<b>FORMATION TOPS</b>			
			Navajo - - - - - 1027'
			Kayenta - - - - - 1351'
			Wingate - - - - - 1415'
			Chinle - - - - - 1686'
			Shinarump - - - - - 2655'
			DeChelly - - - - - 2852'
			Organ Rock - - - - - 2965'
			Hernoga - - - - - 4720'
			Paradox - - - - - 5903'
Formation tops as per EL.			
<b>HOLE SIZE</b>			
0 to 1500' - 11"			
1500' to 5906' - 6-3/4"			
All measurements from derrick floor, 10' above ground.			
FORMATION RECORD			
CONTINUED			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT 1. 1/1/1964  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

S-10

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 33, T40S, R25E SLPM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer "G" Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

SE NW Sec. 33, T40S, R25E SLPM  
San Juan County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Conversion to Injection

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Set Permanent packer at 5730'.  
Started injecting water November 13, 1964.

18. I hereby certify that the foregoing is true and correct

SIGNED D. D. Kingman

TITLE Engineer

DATE Dec. 22, 1964

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

PI

Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructi  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

MCU #S-10

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 33, T40S, R25E, SLM

1.

OIL ☐ GAS ☒ OTHER

Water Injection Well

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Dr. 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FNL &amp; 1980' FWL, Section 33, T40S, R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4957' KB

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETS ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐~~SHOOT OR ACIDIZE~~ ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Perfs: D. C. Zone I - 5754-5820'

D.C. Zone II - 5840-59 &amp; 5870-76 (Zone I and II injection commingled thru tubing).

Packer: Baker Model 'P' Permanent Packer at 5729'.

1/31/74: Acidized D. C. Zones I &amp; II down tubing with 2000 gals 28% iron sequestering acid in four 500 gal stages. Injection rate: 1-2 BPM. Max Pressure 1900 psi.

Put well back on injection.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman

TITLE

District Engineer

DATE

2/14/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

cc: State, USGS, Franques, Mosley, Hurlbut, WIO, File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☐ well other Injection well

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 1980' FWL of Sec. 33  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
#S-10

10. FIELD OR WILDCAT NAME  
GREATER ANETH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 33, T40S, R25E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
DF: 4956'

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☒  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

DEC 07 1982

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF  
OIL GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRU. ND wellhead and NU BOP's.
2. POH w/ injection equipment. RIH w/ 2-7/8" workstring and pkr. Set pkr at 5650'.
3. Acidize the Desert Creek (5754'-5876' O/A) w/ 15,000 gals 28% HCL.
4. Swab back load.
5. POH w/ workstring and pkr. RIH w/ injection equipment.
6. Return well to injection.

Orig + 5 - MMS, State - 2, Navajo Tribe, Reg. Group & Joint Interest - W, Files - H,D,C

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Prod. Engineer DATE 12-13-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>INJECTION WELL</b>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> 14-20-603-2057
2. <b>NAME OF OPERATOR</b> MOBIL OIL CORP AS AGENT OF SUPERIOR OIL		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NAVAJO
3. <b>ADDRESS OF OPERATOR</b> P. O. DRAWER 'G', CORTEZ, CO 81321		7. <b>UNIT AGREEMENT NAME</b> MCELMO CREEK
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FNL, 1980' FWL		8. <b>FARM OR LEASE NAME</b> -
14. <b>PERMIT NO.</b>		9. <b>WELL NO.</b> S-10
15. <b>ELEVATIONS</b> (Show whether DF, RT, CR, etc.) DF: 4956'		10. <b>FIELD AND POOL, OR WILDCAT</b> GREATER ANETH
16. <b>DIVISION OF OIL GAS &amp; MINING</b>		11. <b>SEC., T., R., M., OR BLM. AND SURVEY OR AREA</b> Sec 33, T40S, R25E
17. <b>COUNTY OR PARISH</b> SAN JUAN		18. <b>STATE</b> UTAH

RECEIVED

DEC 30 1985

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	PLUG BACK <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRU workover rig. Backflow well to pit. ND injection head. NU and test BOP's. Release 4-1/2" Baker R-3 @ 5651' and POOH.
2. Run bit and 4-1/2" casing scraper to PBTD of 5886'. POOH.
3. Set CIBF @ 5830'+.
4. RIH w/ injection string as pulled. Pump 200 bbls inhibited FW down annulus. Set pkr and fill annulus. RDMO
5. Return well to injection.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 12/23/85  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE

Sr Staff Op Engr

DATE

12/23/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

INSTRUCTIONS  
(Side)

TE-  
re

Form approved.  
Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION WELL	
2. NAME OF OPERATOR MOBIL OIL CORP AS AGENT OF SUPERIOR OIL	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FNL, 1980' FUL	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF: 4956'

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
7. UNIT AGREEMENT NAME MCCLMO CREEK	
8. FARM OR LEASE NAME —	
9. WELL NO. S-10	
10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T40S, R25E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) <b>PLUG BACK</b>			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

01/29/86 NRU. NU ROP's. Release pkr and POOH. RIH w/ bit and scraper. POOH. Set CIMP @ 5830'. Capped w/ one sack cement. Top of plug @ 5822'.  
01/30/86 RIH w/ injection string as pulled. ND ROP's and NU well. RIMO. Returned well to injection.

DIVISION OF  
OIL & GAS ADMINISTRATION

18. I hereby certify that the foregoing is true and correct

SIGNED

**D. C. Collins**

TITLE

**Sr Staff Op Engr**

DATE

**3.14.86**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)  
FOR THE CORTEZ SUPERVISOR AREA  
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	R15	SAN JUAN	UT	NW	SW	04-41S-25E	INJ	OP 43-037-05670	14-20-603-2057		96-004190
	R15-1	SAN JUAN	UT	NW	SW	04-41S-25E	INJ	SI 43-037-05670	14-20-603-2057		96-004190
	S-10 ✓	SAN JUAN	UT	SE	NW	33-40S-25E	INJ	OP 43-037-05757	14-20-603-2057		96-004190
	S-12 ✓	SAN JUAN	UT	SE	SW	33-40S-25E	INJ	OP 43-037-16150	14-20-603-2057		96-004190
	S-14 ✓	SAN JUAN	UT	SE	NW	04-41S-25E	INJ	OP 43-037-16151	14-20-603-2057		96-004190
	T-08 ✓	SAN JUAN	UT	SW	SE	26-40S-25E	INJ	OP 43-037-05793	14-20-603-2048-A		96-004190
	T-13	SAN JUAN	UT	NW	NE	04-41S-25E	INJ	OP 43-037-05714	14-20-603-2057		96-004190
	T-15 ✓	SAN JUAN	UT	NW	SE	04-41S-25E	INJ	OP 43-037-05660	14-20-603-2057		96-004190
	T-17 ✓	SAN JUAN	UT	NW	NE	09-41S-25E	INJ	OP 43-037-05614	14-20-603-359		96-004190
	T-19 ✓	SAN JUAN	UT	NW	SE	09-41S-25E	INJ	OP 43-037-15981	14-20-603-359		96-004190
	U-10 ✓	SAN JUAN	UT	SE	NE	33-40S-25E	INJ	OP 43-037-05761	14-20-603-2057		96-004190
	V-06 ✓	SAN JUAN	UT	SW	NW	27-40S-25E	INJ	OP 43-037-16382	14-20-603-2048-A		96-004190
	V-13 ✓	SAN JUAN	UT	NW	NW	03-41S-25E	INJ	OP 43-037-05706	14-20-603-2057		96-004190
	V-15 ✓	SAN JUAN	UT	NW	SW	03-41S-25E	INJ	OP 43-037-05669	14-20-603-2057		96-004190
NAV TRACT 125	28-23 ✓	SAN JUAN	UT	NE	SW	28-41S-25E	INJ	OP 43-037-30511			
WHITE MESA	2-21 ✓	SAN JUAN	UT	NE	NW	2-42S-24E	INJ	OP 43-037-15534	14-20-603-259		96-004193
	3-12 ✓	SAN JUAN	UT	SW	NW	3-42S-24E	INJ	OP 43-037-15366	14-20-603-410		96-004193
	3-21 ✓	SAN JUAN	UT	NE	NW	3-42S-24E	INJ	OP 43-037-15363	14-20-603-410		96-004193
	3-23 ✓	SAN JUAN	UT	NE	SW	3-42S-24E	INJ	TA 43-037-16447	14-20-603-410		96-004193
	4-14 ✓	SAN JUAN	UT	NE	SE	4-42S-24E	INJ	OP 43-037-16448	14-20-603-410		96-004193
	4-21 ✓	SAN JUAN	UT	NE	NW	4-42S-24E	INJ	OP 43-037-15364	14-20-603-410		96-004193
	4-32 ✓	SAN JUAN	UT	SW	NE	4-42S-24E	INJ	OP 43-037-15365	14-20-603-410		96-004193
	4-34 ✓	SAN JUAN	UT	SW	SE	4-42S-24E	INJ	OP 43-037-16449	14-20-603-410		96-004193
	4-41 ✓	SAN JUAN	UT	NE	NE	4-42S-24E	INJ	OP 43-037-16446	14-20-603-410		96-004193
	4-45 ✓	SAN JUAN	UT	NE	SE	4-42S-24E	INJ	OP 43-037-15369	14-20-603-410		96-004193
	10-41 ✓	SAN JUAN	UT	NE	NE	10-42S-24E	INJ	SI 43-037-16450	14-20-603-410		96-004193
	22-23 ✓	SAN JUAN	UT	NE	SW	22-42S-24E	INJ	SI 43-037-16438	14-20-603-355A		96-004193
	22-32 ✓	SAN JUAN	UT	SW	NE	22-41S-24E	INJ	SI 43-037-15759	14-20-603-355A		96-004193
	22-42 ✓	SAN JUAN	UT	SW	SE	22-41S-24E	INJ	SI 43-037-16437	14-20-603-355A		96-004193
	26-34 ✓	SAN JUAN	UT	SW	SE	26-41S-24E	INJ	SI 43-037-16441	14-20-603-409		96-004193

Converted 11/7/64

UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: MEPNA

FIELD: Greater Aneth

LEASE: McElmo Creek

WELL # S-10

*Navajo Tribe*  
*P-15*

SEC. 33 TOWNSHIP 40S RANGE 25E

STATE FED. FEE DEPTH 5906 TYPE WELL INJW MAX. INJ. PRESS. 2800 psig  
*PBTD 5886*

*Water Tracer Log run 3/20/86*

*4000 BWPD*

TEST DATE 9/9/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>8 5/8</u>	<u>1500</u>	<u>1050 SX</u>	<u>0#</u>	<u>Bradenhead</u>	
<u>INTERMEDIATE</u>				<u>0#</u>	<u>Casing</u>	
<u>PRODUCTION</u>	<u>4 1/2</u>	<u>5906</u>	<u>250 SX</u>			
<u>TUBING</u>	<u>2 7/8</u>	<u>5642</u>		<u>1600</u>		

*Packer: 4 1/2" Baker R-3, Db at 5651*

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO

7. If Unit or CA, Agreement Designation

MCELMO CREEK

8. Well Name and No.

S-10

9. API Well No.

43-071-16375

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

JUL 23 1990

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No. %Mobil Exploration & Producing U.S. Inc.

P.O. Box 633 Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL, 1980' FWL Sec. 33, T40S, R25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other	

CONVERSION TO CO2

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

6-21-90 MIRU. POOH W/TBG & PKR.  
6-22-90 DRILL OUT CIBP @5830'. CIRC HOLE W/FW.  
6-25-90 LOG. SPOT 50X BALANCED PLUG @ 5886'. CIRC HOLE.  
6-26-90 TAG CMT @ 5871'. INSTALL NEW TBG HEAD. PRESS TO 1500#/HELD/OK. RIH W/TBG TO 5871' PUMP 50X CMT "G" PLUG. CIRC HOLE  
6-27-90 TAG CMT @ 5825'. SET PKR @ 5665'. PRESS TEST CSG TO 1000#/HELD/30 MIN.  
6-29-90 REL PKR. RIH W/INVERTED LOK SET. & 2 3/8" TBG.  
7-2-90 SET PKR @ 5657'. PRESS. TEST W/1200 psi/30 MIN./HELD. RD  
CONVERSION MADE FOR CO2

14. I hereby certify that the foregoing is true and correct

Signed Shuley Sood (915)688-2585

Title

Date 7-20-90

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 03 1992

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WIW**

2. Name of Operator  
**MOBIL OIL CORPORATION**

3. Address and Telephone No.  
**P.O. BOX 633, MIDLAND, TEXAS 79702 (915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FNL, 1980' FWL SEC. 33, T40S, R25E**

5. Lease Designation and Serial No.  
**14-20-603-2057**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**McELMO CREEK**

8. Well Name and No.  
**S-10**

9. API Well No.  
**43-071-16375**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN, UTAH**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <b>DRILL OUT CMT</b>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1-26-92 MIRU. SHUT-OFF INJ. EQUIP. - BLOW DOWN WELL - TEST BOP. REL. PKR POOH W/2 3/8 TBG.  
DRILL 5' CMT TO 5380' (NEW PBTD).

1-27-92 RUN PROD. TBG. PKR SET @ 5649'. PRESS TEST CSG. TO 1000#/HELD/OK/30 MIN. RDMO  
RETURN TO INJECTION.

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd **SHIRLEY TODD**

Title **ENVIR. & REG. TECH**

Date **1/29/92**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WELL**

2. Name of Operator  
**MOBIL OIL CORPORATION**

3. Address and Telephone No.  
**P O BOX 633 MIDLAND, TX 79702 (915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FNL 1980'FWL SEC.33, T40S, R25E**

5. Lease Designation and Serial No.  
**14-20-603-2057**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**MCELMO CREEK UNIT**

8. Well Name and No.  
**S-10**

9. API Well No.  
**43-037-16375**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN, UTAH**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <b>SQUEEZE WITH RESIN</b>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED PROCEDURE

3-17-92  
*Matthews*

MAR 16 1992  
DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed *Shirley Todd* **SHIRLEY TODD** Title **ENV. & REG. TECHNICIAN**

Date **3-11-92**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

PROPOSED WORKOVER PROCEDURE  
McELMO CREEK UNIT  
S-10  
SAN JUAN COUNTY, UTAH

LOCATION: SEC. 33, T40S, R25E, 1980' FNL, 1980' FWL

ELEVATION: KB: 4957.5' GL: 4947'

CURRENT STATUS: WAG injection well injecting 950 BWP. No annular or braden head pressure evident.

PLAN: POOH w/ injection equipment. Squeeze thief in DC II w/ cement. Drill out squeeze to top of thief. Section mill casing and underream w/ Halliburton hydrajets to original hole diameter. Dump bail epoxy resin to create pancake. Drill out rathole and rih w/ same injection equipment.

PERTINENT DATA: See attached wellbore diagram, well history sheet, correlation log (Schlumberger gamma ray - neutron dated 2/22/59).

PROCEDURE:

- 1) Plastic line all workover pits and ensure proper approval prior to beginning workover. SI well approximately 1 week prior to workover. Disconnect injection skid and remove. Notify HOMCO to obtain 4-1/2" section mill from Odessa, TX., and build 3-7/8" fluted mill.
- 2) MIRU DDPU w/ a minimum of 96' derrick. Open well and check for flow. If well not dead, close valve and get off on/off tool and circulate 10# brine for kill fluid. If well doesn't die with 10# brine, contact engineering. ND wellhead and NU 7-1/16", 3000 psi WP BOP's w/ 2-3/8" pipe rams top, blind rams bottom. Install all bolts on BOP's and ensure accumulators properly operate rams. Make sure BOP's have been tested and certified.
- 3) MI Baker service hand. Release packer by setting down and rotating to right. POOH w/ 181 jts 2-3/8" plastic coated tbgs + Baker on/off tool + downhole shut-off valve + 4-1/2" inverted lok-set packer using Cyclone services tongs. Inspect tbgs as POOH. If tbgs are in good condition, install threadprotectors and stand back in derrick w/ mats to be re-ran. If tbgs show signs of pitting or coating damage, lay down. Send downhole equipment to Baker yard for hydrotesting and inspection. Notify engineering of condition of downhole equipment and tbgs.
- 4) Change out pipe rams for 2-7/8" tbgs. PU and RIH w/ 3-7/8" bit + 189 jts 2-7/8" workstring and hydrotest to 5000 psi running in hole. Drill out cement FBTD to 5876'. POOH.
- 5) PU and RIH w/ Baker cement retainer on +/- 187 jts 2-7/8" workstring. Set retainer @ 5838'. Establish rate through retainer. RU Dowell. Mix and pump 100 sx class 'G' cement

+ 2% calcium chloride. Rate = 2-4 bpm, max pressure 2000 psi.  
Sting out of retainer. RDMO Dowell. POOH.

- 6) PU and RIH w/ 3-7/8" bit on +/- 188 jts 2-7/8" workstring. Tag top of cement/retainer. Drill out to 5838' if cement is on retainer. POOH.
- 7) MI HOMCO. PU and RIH w/ section mill for 4-1/2", 9.5# casing + stabilizer + 6 DC's + 182 jts 2-7/8" workstring and section mill casing from 5820'-5838' (top of reatiner). POOH.
- 8) PU and RIH w/ Halliburton Hydrajet tool on 187 jts 2-7/8" tbg to underream formation to 7" from 5838'-5820'. RU power swivel. RU Halliburton pump truck w/ batch mixer. Drop 2 balls so hydrajet tool has 2 open ports. RU flat tank to filter sand from returns and discharge on oposite end. Halliburton to provide 95 gals LGC-8 gel + 190 sk 20/40 sand + 38 lbs GBW-3 breaker. Additives to be added as follows:

LGC-8	10.5 # gel @ 2.5 g/1000 g
GBW-3	1#/1000 gal
20/40 sand	.5 #/g concentration

Halliburton to perform QC prior to job to ensure gel will break if lost circulation is a problem.

Take on water and gel w/ LGC-8. Pump gelled fluid w/ no sand @ +/- 2 bpm, +/- 3500 psi. Monitor returns, if cuttings present continue, if no cutting action apparent, begin adding .5 #/g 20/40 sand. Rotate hydrajet tool for ten minutes then pull up 6". Continue hydrajetting and PUH 6" every ten minutes until reaming is complete. Reverse circulate out balls and clean up sand if present. RDMO Halliburton. POOH.

- 9) RU Apollo wireline and KFE. RIH w/ gamma ray/ccl and get on depth. Run temperature profile from 5500'-5840'. RU 3" X 30' dump bailer. Dump bail epoxy resin in 15 gal increments from 5820'-5838' (estimated volume is 45 gals). Run thief tool to find resin top and check for gravity drainage. POOH and RD wireline and KFE.
- 10) MI HOMCO. PU 3-7/8" fluted mill + stabilizer + 6 DC's + 187 jts 2-7/8" workstring. Drill out resin w/ high rpm and low weight from resin top to new PBTD @ 5830'. POOH.
- 11) Change out pipe rams for 2-3/8" tbg. PU Baker 4-1/2" inverted lok-set packer + model 'B' shut-off valve + 'HEL' on/off tool + 181 jts 2-3/8" tbg internally plastic coated w/ Spincote SC851 and RIH. NOTE: Lubricate seal section of on/off tool w/ Baker tubing seal grease and make sure skirt has 3-3/4" O.D.. Set packer @ +/- 5656' w/ 10,000 # compression. Load backside w/ brine, pressure test annulus to 1000 psi for 30 minutes, 100 psi

leak-off or less is acceptable. Close valve and release on/off tool with left hand turn. Circulate pump out plug. ND BOP's and NU tree. Reverse circulate KW-37 packer fluid. Latch on/off tool and open valve w/ right hand turn.

- 12) Contact Ken Lingo, EPA, to witness mechanical integrity test. Obtain a chart recording of test and send to Ernie Thomas, Cortez. Hook-up injection skid and return well to water injection w/ choke 100% open. RDMO.

Approved:

\_\_\_\_\_  
K.W. Walters  
OE Supervisor

\_\_\_\_\_  
T.W. McPherson  
Operations Engineer

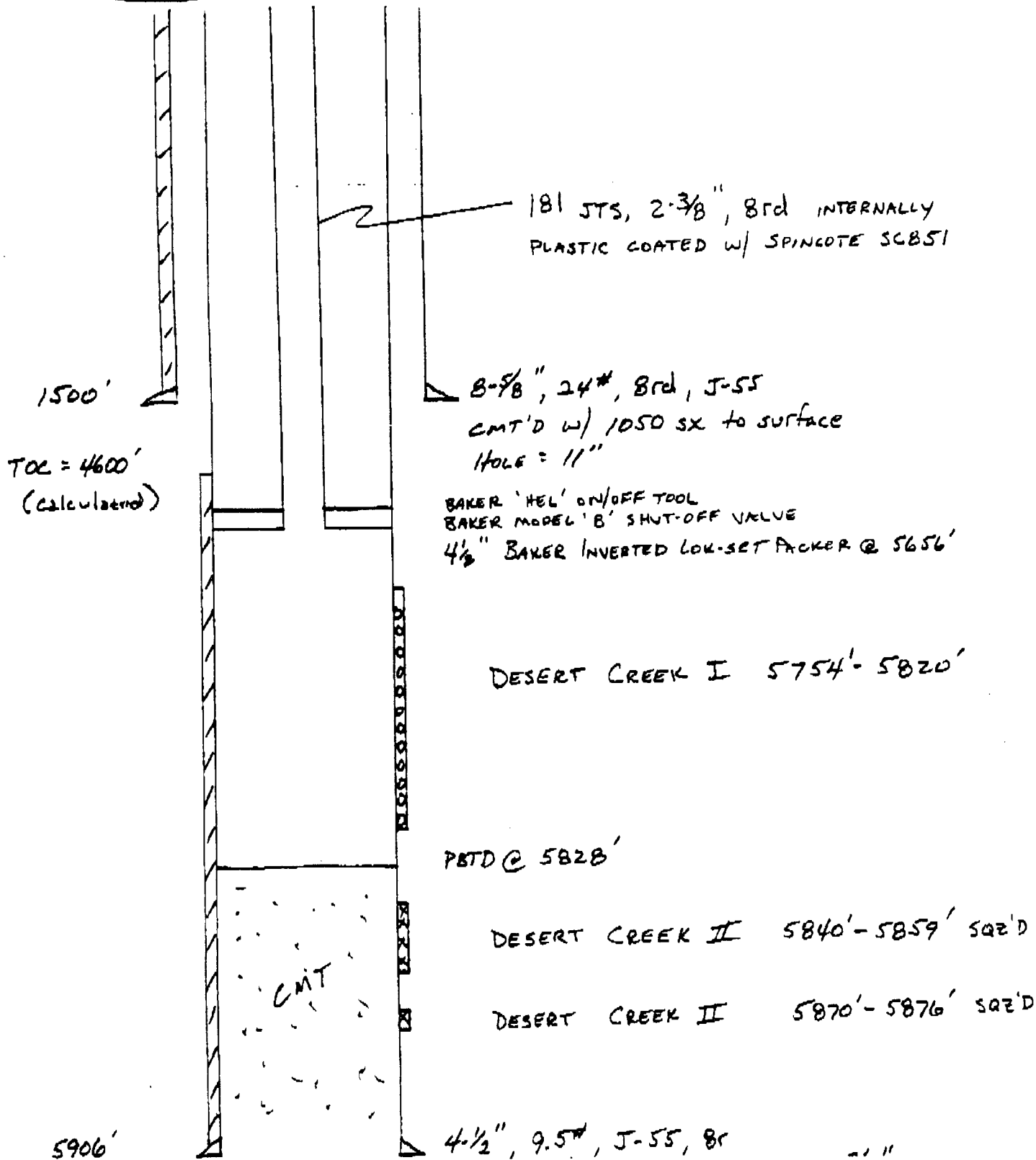
# ENGINEERS CALCULATION SHEET

FOR McELMO CREEK UNIT S-10  
 LOCATION 1980' FNL, 1980 FNL  
 SECTION 33, T40S, R25E  
 SAN JUAN COUNTY, UTAH

JOB OR AUTH. NO.  
 PAGE  
 DATE  
 BY

ELEVATION: GL: 4947'  
 KB: 4957.5'

CURRENT / PROPOSED WELLORE



## ENGINEERS CALCULATION SH

FOR McELMO CREEK UNIT S-10  
 LOCATION 1980' FNL, 1980 FNL  
SECTION 33, T40S, R25E  
SAN JUAN COUNTY, UTAH

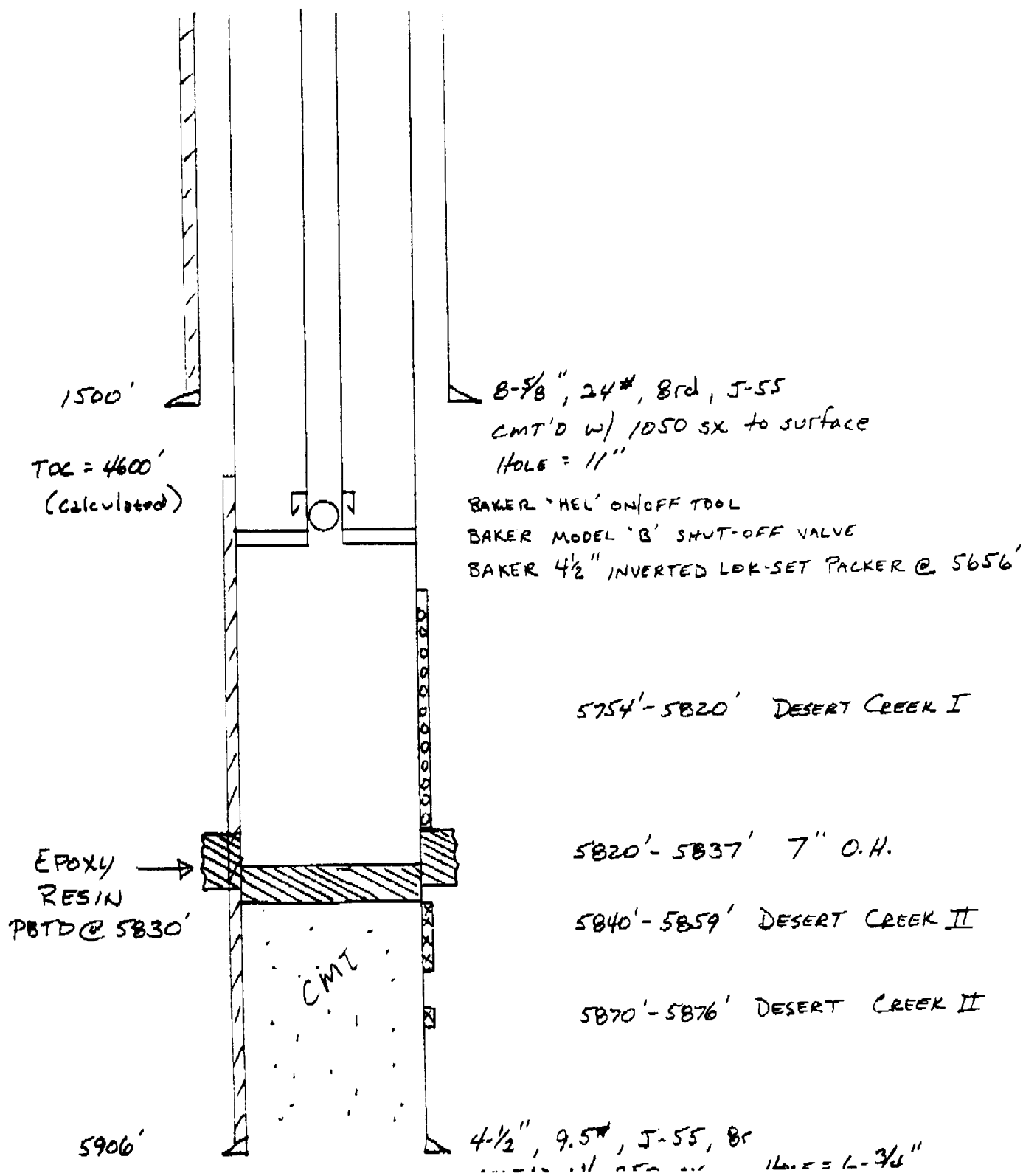
JOB OR AUTH. NO. \_\_\_\_\_

PAGE \_\_\_\_\_

DATE \_\_\_\_\_

BY \_\_\_\_\_

ELEVATION: GL: 4947'  
 KB: 4957.5'

CURRENT / PROPOSED WELLBORE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WELL**

2. Name of Operator  
**MOBIL OIL CORPORATION**

3. Address and Telephone No.  
**P O BOX 633 MIDLAND TX 79705 (915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FNL, 1980' FWL SENW SEC 33, T40S, R25E**

5. Lease Designation and Serial No.  
**14-20-603-2057**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**MCELMO CREEK UNIT**

8. Well Name and No.  
**S-10**

9. API Well No.  
**43-03 7-16375**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN, UT**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other **CHANGE PLUG**  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11-29-92 MIRU

11-30-92 BLOW ANN. DOWN. CLOSE DOWNHOLE SO VALVE. BLOW TBG DOWN. PRESS. TRAPPED BELOW PLUG. NU BOP. RAN EQUALIZER PRONG TO OPEN PLUG. RECOVERED PLUG. PLUG HAD PART OF PACK OFF MISSING AND A SMALL DEEP GOUGE IN BODY ABOVE PACKING ELEMENTS. 12-01-92 DISPLACED HOLE W/90 BBLS OF BRINE WATER. PRESS TEST 4 1/2 CSG TO 1000#/OK. PRESS TBG TO 1100#. POH W/97 JTS 2 3/8 TBG. POH W/PKR. 12-06-92 BLED CSG TO 100#, PUMPED 100 BBLS OF 10# BRINE DOWN CSG. RIH W/LOK-SET PKR W/PUMP OUT PLUG. SET 4 1/2 INVERTED LOK-SET PKR @ 5651. PUMPED THRU TBG & PUMP OUT PLUG. PRESS TEST 4 1/2 CSG & PKR TO 1000#.

12-07-92 ND BOP. DISPLACE ANN. W/PKR FLUID. RD. NOTIFY KEN LINGO/EPA TO DO MIT.

**RECEIVED**

**DEC 28 1992**

**DIVISION OF  
OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed Shuley Joad Title Environmental Engineer Date 12-22-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. BOX 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL, 1980' FWL; SEC. 33, T40S, R25E, SE NW

5. Lease Designation and Serial No.

14-28-683-

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN S-10

9. API Well No.

43-037-16375

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

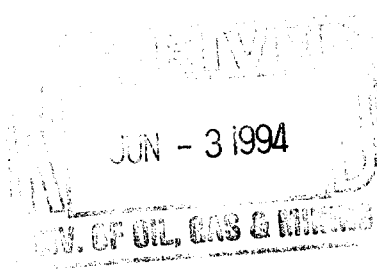
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other SI STATUS
- ☐ Change of Plans  
☐ New Construction  
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MOBIL REQUESTS SI STATUS. WAITING ON FUNDING FOR WORKOVER.



14. I hereby certify that the foregoing is true and correct

Signed

*D. Irvine for Shirley Todd*

Title ENV. & REG. TECHNICIAN

Date 05/31/94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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5. Lease Designation and Serial No.  
**14-20-603-**

6. If Indian, Allottee or Tribe Name

**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**MCELMO CREEK UNIT**

8. Well Name and No.

**MCELMO CREEK UN S-10**

9. API Well No.

**43-037-16375**

10. Field and Pool, or exploratory Area  
**GREATER ANETH**

11. County or Parish, State

**SAN JUAN**

**UT**

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

**MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION**

3. Address and Telephone No.

**P. O. BOX 633, MIDLAND, TX 79702**

**(915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1980' FNL, 1980' FWL; SEC. 33, T40S, R25E, SE NW**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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- ☒ Notice of Intent  
☐ Subsequent Report  
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TYPE OF ACTION

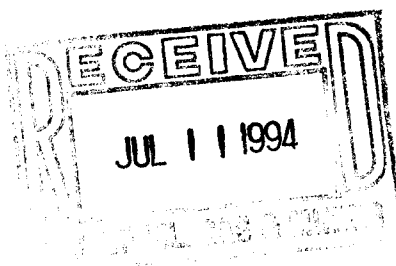
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other **WORKOVER**
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

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\*\*\* SEE ATTACHED \*\*\*

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
  
**FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

Signed *Arinfor Shirley*

Title **ENV. & REG. TECHNICIAN**

Date **07/05/94**

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

McElmo Creek S-10  
Workover Procedure  
(REVISED)

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. If well was not dead, RU snubbing equipment. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Notify Big Red that this tree has leaking valves. Have tree returned in time for use on this well.
4. Release Baker inverted lok-set packer and POH laying down 2-3/8" J-55 EUE 8rd plastic coated injection tubing and send to Aneth pipe yard. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. RIH with 3-7/8" rock bit without nozzles and casing scraper for 4-1/2", 9.5 lb/ft casing on 2-7/8" CSH workstring (Or equivalent O.D. connections) and CO to PBTD at 5830' EL. POH.
5. RIH with squeeze packer and set at +/- 5645'. PT casing to 1000 psi for 30 minutes (5 percent leakoff or less is acceptable).
6. If 5-1/2" casing failed to PT in Step No. 5, PU 500' and reset squeeze packer. PT backside to 1000 psi. Continue up hole and locate leak. POH. PU RBP, 4 joints of 2-3/8" tubing, and squeeze packer. Set RBP at 5645'. Set squeeze packer and PT RBP to 2000 psi. PU to +/- 5125'. Dump 200 lbs of 20/40 sand down workstring slowly and pump to bottom. Wait 1 hour for sand to fall. Reverse out workstring. RIH and tag top of sand to confirm +/- 10' of sand on top of RBP. PU and set tubing tail +/- 100' above location of casing leak. Set Squeeze packer and space out with 15,000 lbs weight. Pressure backside to 1000 psi and monitor. Establish injection rate of +/- 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2500 psi. Mix and pump the following:
  - A) 5 bbls of fresh water spacer
  - B) 100 sxs of Class B standard cement containing 0.3% Halad 344, 3% Microbond, 0.1% CFR-3, and sufficient retarder for 3 hour pump time.
  - C) 5 bbls of fresh water spacer

7. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2500 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
8. RIH with 4-3/4" rock bit without nozzles and casing scraper on 2-7/8" workstring and drill out cement. Clean out to top of sand on top of RPB. PT casing to 1000 psi. POH. Resqueeze as necessary. If PT OK then RIH with retrieving tool on workstring. Wash sand off RPB and retrieve RBP. POH laying down workstring. ND snubbing unit if it was required.
9. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBTD at 5830' to 4500' or until short casing joints are located. POH.
10. RIH with 4" casing guns loaded with deep penetrating charges at 4 SPF, 90 degree phasing and perforate 5752'-5820' EL. RIH with junk basket/gauge ring to ~~5440~~ 5440'. POH.

# ENGINEERS CALCULATION SHEET

FOR

JOB OR AUTH. NO.

LOCATION

PAGE

SUBJECT

McElmo Creek Unit #5-10

DATE

27/June/94

BY

S.S. Murphy

Injection Well Repair

## PROPOSED

2-7/8", 6.5# J-55 F/rotolined  
EUE Brd tbg with tongue wings  
with special clearance 3.46" O.D.  
couplings.

8-5/8", 24# J-55 csg  
at 1500' cmt'd w/ 1050sx

Guiberson Nitrile Latching  
Seal Assembly

Guiberson wireline set  
Uni-X packer at  $\pm$  5630'

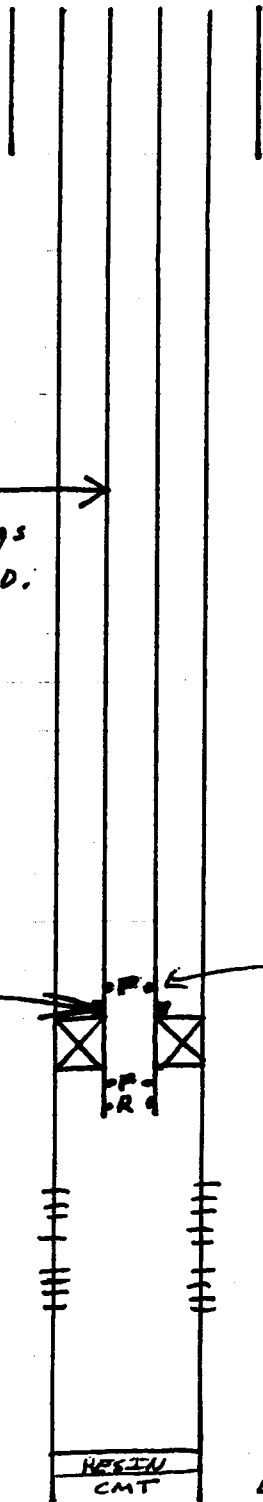
★  
1.87" F  
6' 2-3/8" AB 316 S.S. pup jt.

## PERFS

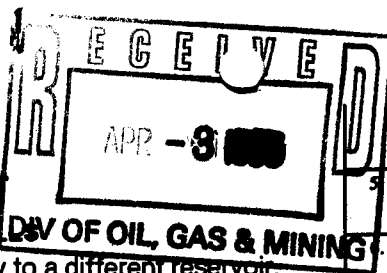
5752' - 5820' w/ 4SPF

PBTD 5830'  
TD 5906'

4-1/2", 9.5# J-55 csg  
at 5906' cmt'd w/ 250sx



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS DIV OF OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

Lease Designation and Serial No.

14-20-603-2057

If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK S-10

9. API Well No.

43-037-16375

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.  
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

915/688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL, 1980' FWL  
SE NW SEC 33, T40S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

WORKOVER

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

2-25-95 MIRU. ND TREE, NU BOP, CIRC WELL WITH 10 PPG BRINE. POOH W/ TBG & PKR. RIH TO 1600'W/ 3 7/8" BIT & 4 1/2" CSG SCRAPER.

2-27-95 MAKE BIT & SCRAPER RUN. TIH W/ 4 1/2" PKR, SET @ 5630'. POOH & LD 2 3/8" TBG. SWIFN.

2-28-95 TIH & SET TOP OF PKR @ 5625' WLM.

3-01-95 STARTED RUNNING 2 7/8" PRODUCTION TBG W/ SEAL ASSEMBLY.

✓3-02-95 FINISHED RUNNING 2 7/8" INJ STRING. RAN TOTAL OF 177 JTS PLUS 4' & 8". DISPLACE 10# BRINE W/ 66 BBLs FRESH WATER PKR FLUID. ND BOP, NU TREE. TEST CSG TO 1000 PSI 30 MIN. OK. TURN WELL OVER TO WATER INJ.

14. I hereby certify that the foregoing is true and correct

Signed

*Shirley Robinson*

Title ENV & REG TECHNICIAN

Date 3-29-95

(This space for Federal or State office use)

Approved by

Title

Date

*Tax credit*  
3/4/96

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See instruction on Reverse Side

# PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_  
 (Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
 (API No.) \_\_\_\_\_

☐ Suspense  
 (Return Date) \_\_\_\_\_  
 (To - Initials) \_\_\_\_\_

☒ Other  
 OPER NM CHG \_\_\_\_\_

1. Date of Phone Call: 8-3-95 Time: \_\_\_\_\_

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)  
 Talked to:

Name R. J. FIRTH (Initiated Call ☒) - Phone No. ( )  
 of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: \_\_\_\_\_

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING  
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT  
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

\*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☒ Operator Name Change Only

1-PLC	7-PL
2-LWP	8-SJ
3-DE	9-FILE
4-VLC	
5-RJP	
6-LWP	

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) MOBIL EXPLOR & PROD  
 (address) C/O MOBIL OIL CORP  
PO DRAWER G  
CORTEZ CO 81321  
 phone (303) 564-5212  
 account no. N7370

FROM (former operator) M E P N A  
 (address) C/O MOBIL OIL CORP  
PO DRAWER G  
CORTEZ CO 81321  
 phone (303) 564-5212  
 account no. N7370

Well(s) (attach additional page if needed):

Name: <u>** SEE ATTACHED **</u>	API: <u>037-16375</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-31-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) *\* No Fee Lease Wells at this time!*

- N/A Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A UTS 8/5/95 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 6 1995.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

950803 UIC F5/Not necessary!

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-15617	F-11	40S	24E	36	INJW	Y
✓MEPNA (MOBIL	43-037-16350	H-11	40S	24E	36	INJW	Y
✓MEPNA (MOBIL	43-037-15618	G-12	40S	24E	36	INJI	Y
✓MEPNA (MOBIL	43-037-15619	I-12	40S	24E	36	INJW	Y
✓MEPNA (MOBIL	43-037-16377	T-8	40S	25E	28	INJW	Y
✓MEPNA (MOBIL	43-037-16366	P-7	40S	25E	29	INJW	Y
✓MEPNA (MOBIL	43-037-16362	N-7	40S	25E	29	INJW	Y
✓MEPNA (MOBIL	43-037-15961	M-10	40S	25E	31	INJW	Y
✓MEPNA (MOBIL	43-037-16359	L-9	40S	25E	31	INJW	Y
✓MEPNA (MOBIL	43-037-15955	K-12	40S	25E	31	INJW	Y
✓MEPNA (MOBIL	43-037-16354	J-11	40S	25E	31	INJW	Y
✓MEPNA (MOBIL	43-037-15958	L-11	40S	25E	31	INJW	Y
✓MEPNA (MOBIL	43-037-15962	M-12	40S	25E	31	INJW	Y
✓MEPNA (MOBIL	43-037-16367	P-9	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-31677	Q12A	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-15968	O-12	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-15971	P-11	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-15965	N-11	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-15967	O-10	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-15964	N-9	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-15973	Q-10	40S	25E	32	INJW	Y
✓MEPNA (MOBIL	43-037-30080	T-09A	40S	25E	33	INJW	Y
✓MEPNA (MOBIL	43-037-16155	U-12	40S	25E	33	INJW	Y
✓MEPNA (MOBIL	43-037-16375	S-10	40S	25E	33	INJW	Y
✓MEPNA (MOBIL	43-037-30179	R-11A	40S	25E	33	INJI	Y
✓MEPNA (MOBIL	43-037-16381	U-10	40S	25E	33	INJW	Y
✓MEPNA (MOBIL	43-037-16147	R-09	40S	25E	33	INJI	Y
✓MEPNA (MOBIL	43-037-16150	S-12	40S	25E	33	INJW	Y
✓MEPNA (MOBIL	43-037-16351	H-13	41S	24E	1	INJW	Y
✓MEPNA (MOBIL	43-037-16144	G-16	41S	24E	1	INJW	Y
✓MEPNA (MOBIL	43-037-16345	F-13	41S	24E	1	INJW	Y
✓MEPNA (MOBIL	43-037-16143	G-14	41S	24E	1	INJW	Y
✓MEPNA (MOBIL	43-037-15495	H-15	41S	24E	1	INJI	Y
✓MEPNA (MOBIL	43-037-15497	I-16	41S	24E	1	INJW	Y
✓MEPNA (MOBIL	43-037-31149	F-15A	41S	24E	1	INJI	Y
✓MEPNA (MOBIL	43-037-16267	D-13	41S	24E	2	INJW	Y
✓MEPNA (MOBIL	43-037-16268	E-14	41S	24E	2	INJW	Y
✓MEPNA (MOBIL	43-037-16341	D-15	41S	24E	2	INJW	Y
✓MEPNA (MOBIL	43-037-16340	B-15	41S	24E	2	INJW	Y
✓MEPNA (MOBIL	43-037-15616	E-16	41S	24E	2	INJW	Y
✓MEPNA (MOBIL	43-037-16265	C-14	41S	24E	2	INJW	Y
✓MEPNA (MOBIL	43-037-16338	A-17	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-15704	D-17	41S	24E	11	INJW	Y
✓MEPNA (MOBIL	43-037-16342	E-19	41S	24E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15702	C-18	41S	24E	11	INJI	Y
✓MEPNA (MOBIL	43-037-15496	H-17	41S	24E	12	INJI	Y
✓MEPNA (MOBIL	43-037-16346	G-19	41S	24E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15709	I-18	41S	24E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15710	I-20	41S	24E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15493	F-17	41S	24E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15494	G-18	41S	24E	12	INJI	Y
✓MEPNA (MOBIL	43-037-16352	I-23	41S	24E	13	INJI	Y
✓MEPNA (MOBIL	43-037-16348	G-23	41S	24E	13	INJW	Y

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator **MOBIL PRODUCING TX & NM INC.\***

**\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM**

3. Address and Telephone No.

**P.O. Box 633, Midland TX 79702**

**(915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**(SE/NW) 1980' FNL & 1980' FWL**

**SEC. 33, T40S, R25E**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

**14-20-603-2057**

6. If Indian, Allottee or Tribe Name

**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation

**MCELMO CREEK UNIT**

8. Well Name and No.

**MCELMO CREEK**

**S-10**

9. API Well No.

**43-037-05757**

**16375**

10. Field and Pool, or exploratory Area

**GREATER ANETH**

11. County or Parish, State

**SAN JUAN**

**UT**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

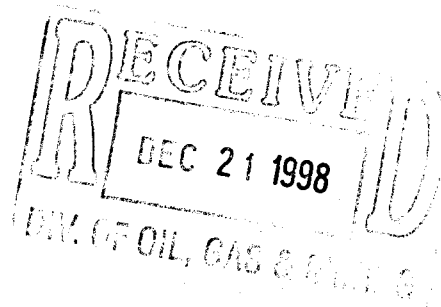
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **WORKOVER**  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED PROCEDURE / WORKOVER 10-01-98 -- 10-07-98



14. I hereby certify that the foregoing is true and correct

Signed

*Shirley Houchins*

Title

**SHIRLEY HOUCHINS, ENV. & REG. TECH**

Date

**12-17-98**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

**ATTACHMENT - FORM 3160-5**  
**McElmo Creek Unit #S-10**  
**14-20-603-2057**  
**NAVAJO TRIBAL**  
**SAN JUAN, UTAH**

10-01-98 DENIS NOTIFIED BLM @ 11:37 ON THE 09-28-98 ON THE INTENT TO MIRU & FIND COMMUNICATION PROBLEM TALKED TO WAYNE TOWNSEND. ALSO NOTIFIED NAVAJO EPA @ 11:35 ON THE 09-28-98 ON DIGGING EARTH PIT & LINING TALKED TO CHARLENE MANUELITE. MIRU DDPU & REV. EQUIP. RU TEFTELLER SL UNIT RIH W/ "R" PLUG & SET @ 5640' BELOW GUIB. UNIX WL, SET PKR POH W/ SL. LOAD TBG TEST TO 1400# HELD OK PSI CSG TO 1000# TBG CAME UP TO 1550#. NIP DN INJ TREE INSTALLED BOP/HYDRIL SWISDFN.

10-02-98 SITP 0# CSG 0# PSI TBG TO 1500# BLED OFF TO 900# IN 30 MIN BLED OFF TEST CSG TO 1000# 30 MIN OK. REL OUT LATCH ASSEMBLE BLED OFF CO2/FLUID CIRC WELL BORE W/ KILL FLUID TEST ALL TO 1000# 15 MIN HELD OK. RU CAMPBELL TESTERS POH TEST TBG TO 3500# FOUND NO LEAKS IN TBG, W/ LEFT LATCH & SEAL ASSEM POH W/ CMT LINE TBG SUBS. CHNGED OUT RAMS & TOOLS TO PU 2.3/8" WS, LOAD HOLE W/ BRINE SWISDFN.

10-03-98 RIH W/FISHING TOOL FLOAT TAP FISH @ 5632'. POH W/ TOOL RECOVERED LATCH ASSEM. RIH W/ SPEAR TAG @ 5646'. FISHED LATCHED ON TO SEALS/PKR FREED UP POH RECOV. PKR & SUBS & PROFILES ON BTM PKR. LAY DN FISHING TOOLS & PKR ASSEM. RIH W/ TBG FOR KILL STRING SWISDFN & SUNDAY.

10-04-98 SWISDFN & SUNDAY.

10-05-98 SIT/CP 50# BLED OFF GAS KILLED WELL. POH W/ KILL STRING. RIH W/ GUIB. G-6 PC PKR W/ ReENTRY GUIDE & PUMP OUT PLUG TO 5627'. LOAD TBG. POH W/ PKR CHANGE OUT PLUGS. RIH /W PKR TO 5627'. LOAD TBG TEST BACKSIDE TBG 4.5" CSG TO 1000# OK. CIRC F-WTR PKR FLUID. POH LAY DN WS TBG. CHANGED OUT RAM & TOOLS TO RUN 2.875" TBG (PROD.STRING) SWISDFN.

10-06-98 SITP 0# CAMPBELL TESTERS TO TEST TBG. RIH W/GUIB. ON/OFF TOOL ON CMT LINE TBG LATCHED ON TO PKR RESET PKR TO TBG STRING, PU LANDING JT TEST FOUND LANDING JT & 1<sup>ST</sup> JT UNDER LANDING JT CHANGED OUT SWISDFN. NOTIFIED WAYNE TOWNSEND W/ BLM IN FARMINGTON, NM. ON MIT TEST CALLED @ 14:00 10-5-98 LEFT ON ANSWERING MACHINE, TALKED W/ DAVID BENALLIE W/ BLM TODAY @ 17:30 10-6-98 TO RUN MIT TEST TOMORROW @ 9:00 AM 10-7-98.

10-07-98 CHANGED OUT LANDING JTS, TEST TO 3500# RIG DN CAMPBELL TESTERS. NIP DN BOP/HYDRILL INSTALLED INJ TREE W/ WRAP AROUND LATCHED ON TO PKR SET @ 5622.32'. LOAD CSG TEST TO 1020# 30 HELD OK WITNESSED BY NAVAJO BLM DAVID BENALLIE. PSI TO 1700# TO PUMP OUT PLUG. RIG DN TOOL/RIG/EQUIP MOVE OUT. TURN TO PRODUCTION.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL PRODUCING TX & NM INC.\*  
\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(SE/NW) 1980' FNL & 1980' FWL  
SEC. 33, T40S, R25E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK S-10

9. API Well No.

43-037-16375

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other WORKOVER  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED PRELIMINARY WORKOVER PROCEDURE.

14. I hereby certify that the foregoing is true and correct

Signed

*Shirley Houchins*

Title SHIRLEY HOUCHINS, ENV. & REG. TECH

Date 02-04-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

WTC  
described 4-22-99  
Tubing  
repair  
JSC

**Preliminary Workover Procedure  
McElmo Creek Unit #S-10**

**General Information**

**Lease: McElmo Creek Unit      Well No: S-10**  
**County: San Juan              State: Utah**  
**Location: Sec. 33, T40S, R25E      Legal: 1980' FNL & 1980' FWL**

**NOTE: This program is intended as a guide, to be closely followed as long as actual conditions agree reasonably well with pre drilling predictions. When substantially different actual conditions are encountered, the Mobil Drilling Supervisor will take appropriate action to safely and economically control the new conditions and will advise his supervisor of such actions as soon as job conditions permit.**

**By: \_\_\_\_\_**  
**R. L. Adams**

**Date: \_\_\_\_\_**

**Workover Overview**

**The goal of this workover is to repair subject CO<sub>2</sub> injector due to communication between tubing and annulus.**

**Current Status: SI since Jan 26, 1999. Prior to shut-in, this well was on water.**

**2300 psi SICP  
2300 psi SITP**

**Previous History:**

- **The well was converted to injection 11/64. It has 4 ½", 9.5#, J55 casing. A CIBP was set @ 5830' with 8 ft of cmt on top to isolate zone II perms. Perfs that remain open are 5754-5820'.**
- **An METT log was run during a workover in 1995, the casing appears good from where the packer is set and above.**
- **At this time 2-7/8" fluorolined tubing with special clearance connections was run.**
- **10/98 – Pulled injection tbg and tested – OK. Had to fish part of seal assembly. POH w/packer and replace. Tested casing above packer @ 5627' – OK. RIH and test tubing. MIT to 1020# - OK.**

**Economics/Justification:**

- This injection well supports three producers total production of 220 BOPD. Currently, the production from these wells has fallen 70 BOPD.
- The associated secondary and tertiary reserves are 118 MBO.
- Economics show we can spend up to \$98M and have a 6 month payout.

**Other Special Items:**

- Check for special clearance 2-7/8", 6.5#, J55, 8rd flourolined tbg on rack #2 in McElmo's yard. This should be used to replace any bad joints.
- If a casing leak is found a casing inspection log will be run and the well will TA'd.

**Workover Procedure**

**SITP @ 2300 psi**

**SICP @ 2300 psi**

Current maximum mud weight required would be 17.2 ppg with 200 psi safety factor. During 10/98 workover, 10 ppg brine was used to control well. Have tanks on location to flow well down to at least 1000 psi if possible. If this does not happen in a few hours proceed with procedure making note of tubing pressure in the event the packer has to be unset.

1. MIRU slickline and set 1.81" "F" plug in on/off profile at 5618'.
2. Pressure up on tubing to test tbg. Test tbg and annulus to 1000 psi.

**IF TUBING DOES NOT TEST**

3. ND wellhead/NU BOP's and test using chart. Release from on/off tool. RU Campbell Testers to hydrotest tubing coming out of the hole. Test to 3500 psi. Replace any bad joints. *If more than 14 joints fail, contact Engineering.*
4. RU Campbell Testers to test connections using nitrogen. RIH w/2-7/8", 6.5#, J55, 8rd fluorolined injection tubing with special clearance connections of 3.46", testing to 3500 psi.
5. Circulate packer fluid if necessary and latch onto packer at 5622'. ND BOP's/NU wellhead. Space out as needed.
6. RU slickline to retrieve plug in profile. Test annulus to 1000 psi. Run MIT test and chart. Send original to Sue Mosley and keep copy for records.
7. If there is no leak off, RDMO.

**IF TUBING TESTS/ANNULUS DOES NOT TEST**

8. ND wellhead/NU BOP's and test using chart. Release from on/off tool. RU Campbell Testers to hydrotest tubing coming out of the hole. Test to 3500 psi. Replace any bad joints. *If more than 14 joints fail, contact Engineering.*

9. **PU 4-½" packer on 2-3/8" workstring and RIH. Set packer at 5600' and test injection packer to 1000 psi. If packer leaks, trip out of hole to pick up retrieving tool.**
10. **POH w/test packer. RIH w/retrieving tool on workstring. Circulate kill weight fluid calculated. Latch onto packer. RU slickline and POH w/plug.**
11. **Release packer. POH w/workstring and packer.**
12. **PU new packer on 2-3/8" workstring and set at +/-5620'. Use pump out plug in wireline reentry guide. POH, LD workstring.**
13. **RU Campbell Testers to test connections using nitrogen. RIH w/2-7/8", 6.5#, J55, 8rd fluorolined injection tubing with special clearance connections of 3.46", testing to 3500 psi.**
14. **Circulate out kill weight fluid. Circulate packer fluid. Latch onto packer. ND BOP's/NU wellhead. Space out as needed. Pump out plug.**
15. **Run MIT test and chart. Send original to Sue Mosley and keep copy for records.**
16. **If there is no leak off, RDMO.**

**If there is some other problem, for instance a casing leak, make plans to identify the leak and TA the well.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator MOBIL PRODUCING TX & NM INC.\*

\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(SE/NW) 1980' FNL & 1980' FWL  
SEC. 33, T40S, R25E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK S-10

9. API Well No.

43-037-16375

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other WORKOVER  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

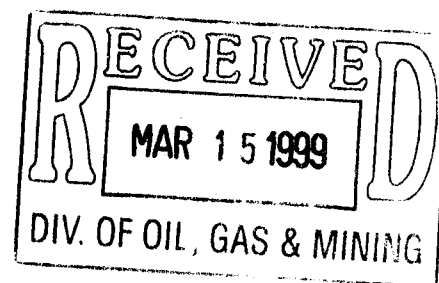
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

02-01-99 SITP 800#, CSG 1900#, MIRU HES, SET PLUG IN PROFILE @ 5611'.  
BLED OFF TBG & GSG. SIFN.

02-03-99 BLED TBG & CSG. SIFN WO/RIG.

02-18-99 MIRU MONTEZUMA WELL SERVICE RIG, ND PROD TREE. NU BOPE. REL.  
PKR @ 5618.62', PULL TBG HANGER. POOH & LD 4' & 8' PUP JTS.  
RE-SET PKR @ 5606.52. SET TBG HANGER IN WH. RU & TEST CASING  
& PKR TO 960 PSI IN 30 MIN. SIFN.

02-19-99 SICP @ 7:30 WAS 200 PSI. SITP WAS 0 PSI. BLEED OFF 1 MIN. ND  
BOPE. NU PRODUCTION TREE. DISPLACE HOLE W/PKR FLUID. TEST FOR  
MIT TO 1040 PSI. (CHART ATTACHED). OK. NU PROD TREE. PULL 'F'  
PLUG. RDMO. RETURN WELL TO PRODUCTION.



14. I hereby certify that the foregoing is true and correct

Signed

*Shirley Houchins*

Title SHIRLEY HOUCHINS, ENV. & REG. TECH

Date 03-11-99

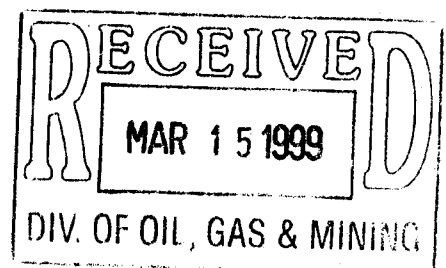
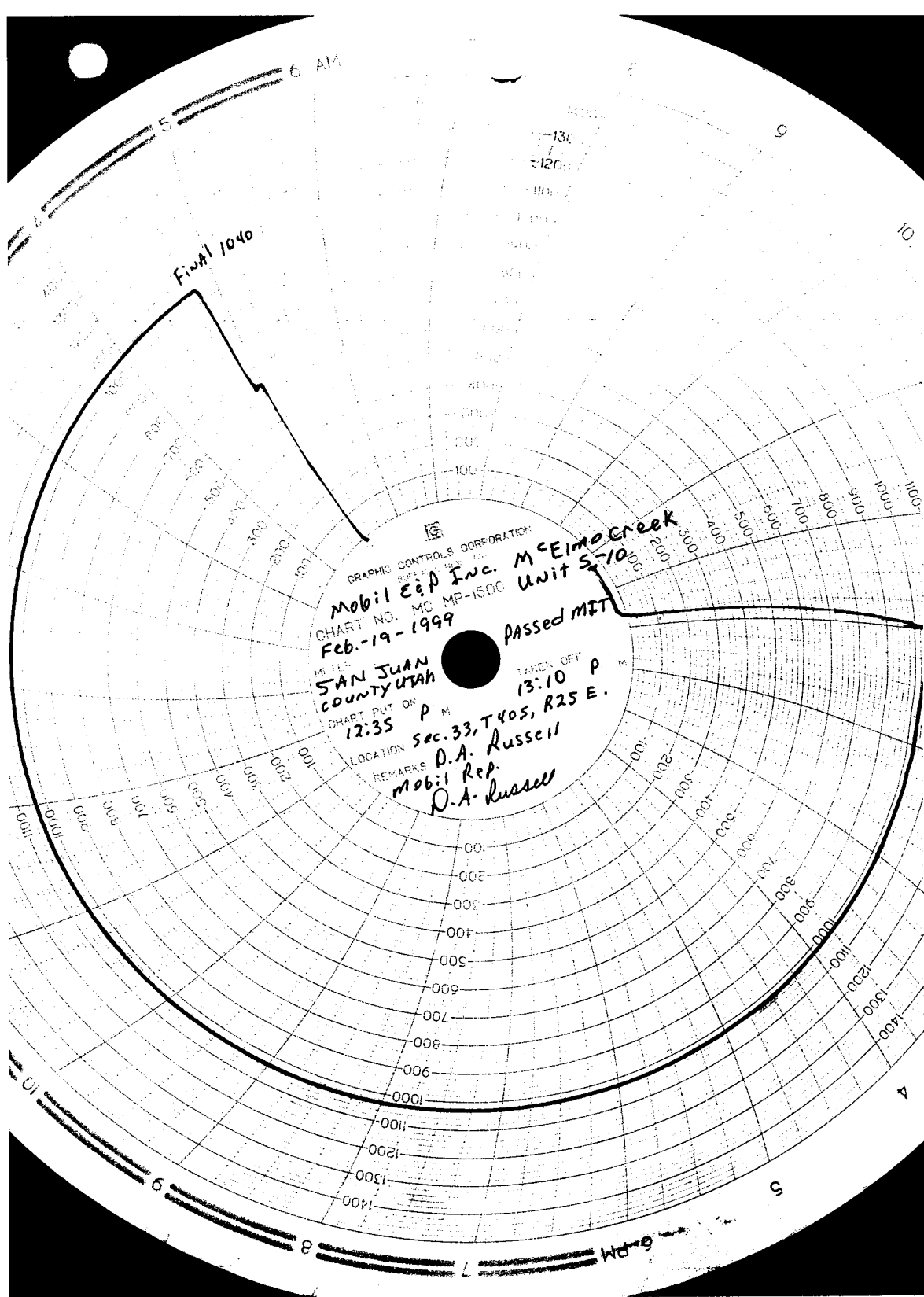
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator **MOBIL PRODUCING TX & NM INC.\***  
**\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM**

3. Address and Telephone No.

**P.O. Box 633, Midland TX 79702 (915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**(SE/NW) 1980' FNL & 1980' FWL**  
**SEC. 33, T40S, R25E**

5. Lease Designation and Serial No.

**14-20-603-2057**

6. If Indian, Allottee or Tribe Name

**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation

**MCELMO CREEK UNIT**

8. Well Name and No.

**MCELMO CREEK S-10**

9. API Well No.

**43-037-16375**

10. Field and Pool, or exploratory Area

**GREATER ANETH**

11. County or Parish, State

**SAN JUAN UT**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

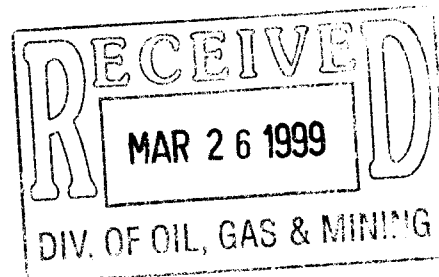
TYPE OF ACTION

- |   |  |
|---|--|
| <input type="checkbox"/> Abandonment                      | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion                     | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back                    | <input type="checkbox"/> Non-Routine Fracturing  |
| <input type="checkbox"/> Casing Repair                    | <input type="checkbox"/> Water Shut-Off          |
| <input type="checkbox"/> Altering Casing                  | <input type="checkbox"/> Conversion to Injection |
| <input checked="" type="checkbox"/> Other <b>WORKOVER</b> | <input type="checkbox"/> Dispose Water           |
- (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED 02-01-99 -- 02-04-99 AND 03-12-99 -- 03-18-99.

ATTACHED MIT & CHART.



14. I hereby certify that the foregoing is true and correct

Signed

*Shirley Houchins*

Title **SHIRLEY HOUCHINS, ENV. & REG. TECH**

Date **03-24-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

ATTACHMENT - FORM 3160-5  
MCELMO CREEK UNIT #S-10  
14-20-603-2057  
NAVAJO TRIBAL  
SAN JUAN, UTAH

02-01-99 SITP 800#, CSG 1900# MIRU HES, SET PLUG IN PROFILE @ 5611. BLED OFF TBG & CSG. SIFN.  
02-02-99 BLED BOTH OFF. SIFN. CK PSI IN AM.  
02-03-99 MIRU MONTEZUMA WELL SERVICE RIG, ND PROD TREE. NU BOPE. REL. PKR @ 5618.62', PULL TBG. HANGER. POOH & LD 4' & 8' CMT. LINED PUP JTS. RE-SET PKR @ 5606.52. SET TBG. HANGER IN WH. RU & TEST CSG & PKR TO 1040 PSI TO 960 PSI IN 30 MIN. SIFN.  
02-04-99 SICP @ 7:30 WAS 200 PSI, SITP WAS 0 PSI. BLEED OFF IN 1 MIN. ND BOPE. MU PRODUCTION TREE. DISPLACE HOLE W/PKR FLUID. TEST FOR M.I.T. TEST TO 1040 PSI. (CHART ATTACHED). OK. NU PROD TREE. PULL 'F' PLUG. RDMO. RETURN WELL TO PRODUCTION. SUNDRY FILED 3-11-99

WORKOVER CONTINUED:

03-12-99 MIRU DDPU MONTEZUMA #15, SITP 100#, CSG 300#, BLED DN TBG CSG BLED OFF, BULL HEAD 10.9#, KILL FLUID DN TBG @ 900#, CSG CAME UP TO 1350#, BLED OFF TBG DN 0#, NIP DN TREE, INSTALL BOP FUNCTION TEST BOP/HYRIL, WO HES SET FISH PLUG, PSI TBG TO 3100#. SWI, SDFN.  
03-13-99 SITP/CP 0#. REL PKR, RIH W/RBP ON TBG SET @ 5660'. LOAD & TEST RBP/CSG TO 1000#. OK. POH, SWI, SDFN & SUNDAY.  
03-15-99 SIP @ 7:30 WAS 0 PSI, POH W/TBG. RU SCHLUMBERGER LOGGING UT. RIH W/CSG. INSPECTION LOG. LOG F/5635-4550'. POH RD LOGGING UT. RIH/LATCH ONTO BRIDGE PLUG. RELEASE. POH. RIH TO 2079. SIFN.  
03-16-99 SIP @ 7:30 WAS 0 PSI. POH W/KILL STRING. RIH W/PKR TO 5606'. SET. POH & LD WS. CHANGE OUT TBG RAM & RUNNING TOOLS. SIFN.  
03-17-99 SICP @ 7:30 WAS 100 PSI. BLEED TO 0. RIG UP TEST UT. RIH W/GUIB ON/OFF TOOL & CMT LINED TBG TO 5563'. RIG REPAIR. RU & PUMP PKR FLUID. CALL TO NAVAJO EPA TALKED TO STEVE AUSTIN INFORMED OF INTENT TO RUN MIT ON 3-18-99. SIFN  
03-18-99 SIP @ 7:30 WAS 50 PSI. BLEED TO 0 IN 1 MIN. SPACE OUT W/PUP JTS. LAT ONTO PKR WITH ON/OFF TOOL. NIPPLE DN BOPE. NU PROD TREE. RU & RUN MIT TO 1145 PSI. OK. MELVINA K. CLAH W/NAVAJO EPA ON LOCATION FOR MIT. OK. MIT & CHART ATTACHED.

# U.S. ENVIRONMENTAL PROTECTION AGENCY

## NOTICE OF INSPECTION

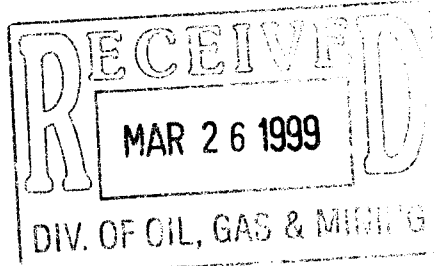
<b>Address (EPA Regional Office)</b> Region 9 Environmental Inspection Agency 75 Hawthorne Street (WTR-9) San Francisco, CA 94105	<b>Inspection Contractor</b> NAVAJO EPA Groundwater Pollution Control Pgm. P.O. Box 1979 Shiprock, NM 87420-1979	<b>Firm To Be Inspected</b> MOBILE + P., INC. P.O. BOX DRAWER G CORTAZ, CO
---	--	---

Date <u>3-18-99</u> Hour <u>9am</u>	Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seg.).
--	--

**Reason For Inspection**

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

*MOBILE + P., INC., MCELMO CREEK UNIT, LW # MCLUS-10, PASSED MIT*



Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

<b>Firm Representative</b> <i>D.A. Russell</i>	<b>Date</b> <u>3-18-99</u>	<b>Inspector</b> <i>Melvin K. Clark</i>
---	-------------------------------	--

# ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator Mobil E. & P., Inc

Date of Test 3-18-99

Well Name MCU # S-10

EPA Permit No. \_\_\_\_\_

Location Sec. 33, T40S-R25E

Tribal Lease No. 14206032057

State and County San Juan, Utah

Continuous Recorder? YES ☒ NO ☐

Pressure Gauge? YES ☒ NO ☐

Bradenhead Opened? YES ☒ NO ☐

Fluid Flow? YES ☐ NO ☒

TIME	ANNULUS PRESSURE, psi		TUBING PRESSURE, psi
	0-1500 psi gauge	1500 psi chart 0-5000 psi recorder	0-5000 psi gauge
10:06 Am	1040	1145	0
10:11 Am	1040	1140	0
10:16 Am	1040	1140	0
10:21 Am	1040	1140	0
10:26 Am	1039	1139	0
10:31 Am	1039	1139	0
10:36 Am	1038	1138	0

MAX. INJECTION PRESSURE: 2750 <sup>according to Mobil E. & P., Inc.</sup> ~~3000~~ <sub>max</sub> PSI

MAX. ALLOWABLE PRESSURE CHANGE: 57.25 PSI (TEST PRESSURE X 0.05)

REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

WELL HAD NOCKOVER.

PASSED MIT

DENNIS RUSSELL

COMPANY REPRESENTATIVE: (Print and Sign)

3-18-99

DATE

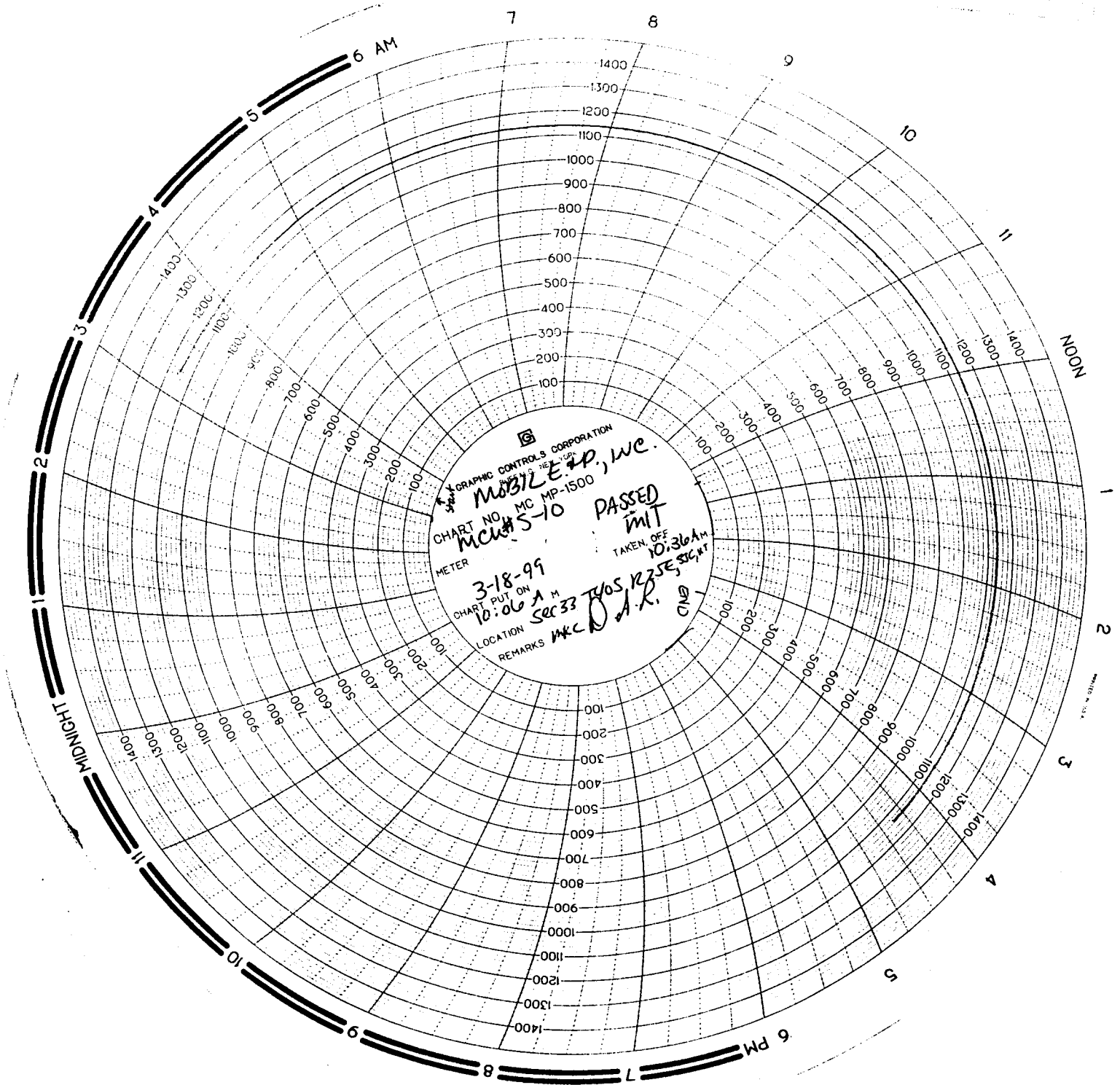
MELVIN K. CLAH  
Melvin Capitan Jr.

INSPECTOR: (Print and Sign)

3-18-99

DATE

RECEIVED  
MAR 26 1999  
L. L. P. & S. L. P.



**ExxonMobil Production Company**  
U.S. West  
P.O. Box 4358  
Houston, Texas 77210-4358

June 27, 2001

**ExxonMobil**  
*Production*

Mr. Jim Thompson  
State of Utah, Division of Oil, Gas and Mining  
1549 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

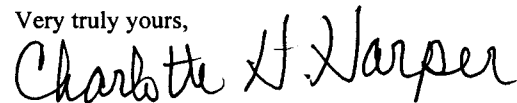
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper  
Permitting Supervisor

ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

RECEIVED

OIL & GAS DIVISION



IN REPLY REFER TO:

# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
 XXXXXXXXXXXXXXXX  
 Navajo Area Office  
 NAVAJO REGION

P.O. Box 1060  
 Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

## CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor  
 Exxon Mobil Production Company  
 U. S. West  
 P. O. Box 4358  
 Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

DENNETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓  
 Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM 1	<i>DSM</i>
NATV AMIN COORD	
SOLID MIN TEAM	
PETRO MIN TEAM <i>2</i>	
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

**ExxonMobil Production Company**

U.S. West

P.O. Box 4358

Houston, Texas 77210-4358

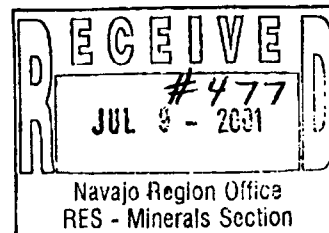
*PS 7/12/01*  
*SH*  
*543*  
*File*

June 27, 2001

Certified Mail

Return Receipt Requested

Ms. Genni Denetsone  
United States Department of the Interior  
Bureau of Indian Affairs, Navajo Region  
Real Estate Services  
P. O. Box 1060  
Gallup, New Mexico 87305-1060  
Mail Code 543

**ExxonMobil**  
Production

Change of Name -  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

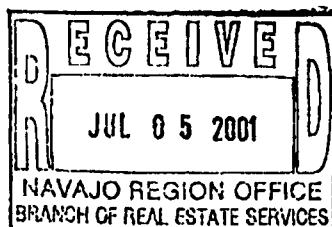
Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper  
Permitting Supervisor

Attachments



ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Isaac

Bureau of Indian Affairs  
Navajo Region Office  
Attn: RRES - Mineral and Mining Section  
P.O. Box 1060  
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

#### OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

#### DIRECTORS

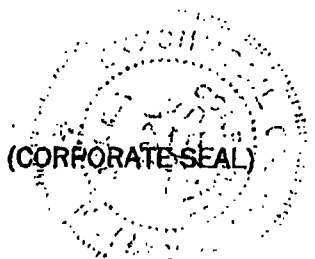
Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>


Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218



  
\_\_\_\_\_  
Signature  
AGENT AND ATTORNEY IN FACT  
\_\_\_\_\_  
Title

SAL

**CERTIFICATION**

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

**CHANGE OF COMPANY NAME**

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

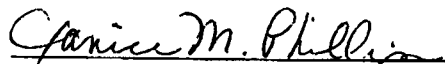
FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

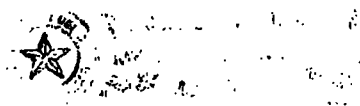
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

  
Assistant Secretary

COUNTY OF DALLAS           )  
STATE OF TEXAS           )  
UNITED STATES OF AMERICA   )

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION****Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

**CHUBB GROUP OF INSURANCE COMPANIES**

2000 West Loop South, Suite 1900, Houston, Texas 77027-3301  
Telephone: (713) 227-4600 • Facsimile: (713) 227-4750

*NW Bond*

**FEDERAL INSURANCE COMPANY RIDER**  
to be attached to and form a part of

**BOND NO 8027 31 97**  
wherein

**Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is**  
named as Principal and

**FEDERAL INSURANCE COMPANY AS SURETY,**

**in favor of United States of America, Department of the Interior**  
**Bureau of Indian Affairs**

**in the amount of \$150,000.00**  
**bond date: 11/01/65**

**IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001**  
**the name of the Principal is changed**

**FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.**

**TO : ExxonMobil Oil Corporation**

**All other terms and conditions of this Bond are unchanged.**

**Signed, sealed and dated this 12<sup>th</sup> of June, 2001.**

**ExxonMobil Oil Corporation**

By : 

**FEDERAL INSURANCE COMPANY**

By:   
**Mary Pierson, Attorney-in-fact**

**Chubb  
Surety****POWER  
OF  
ATTORNEY****Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company****Attn.: Surety Department  
15 Mountain View Road  
Warren, NJ 07059**

Know All by These Presents, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint **R.F. Bobo**,  
**Mary Pierson**, **Philana Berros**, and **Jody E. Specht** of **Houston, Texas**-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

  
 Kenneth C. Wendel, Assistant Secretary


  
 Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.  
 County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of me.



Notary Public State of New Jersey  
 No. 2231647  
 Commission Expires Oct. 28, 2004

  
 Notary Public

Extract from the By-Laws of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



  
 Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY  
 Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

**FIRST:** That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

**SECOND:** That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

**THIRD:** That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st: The corporate name of said Company shall be,  
ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC  
CSC

5184334741

06/01 '01 08:47 NO.410 04/05  
06/01 '01 09:00 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.

  
\_\_\_\_\_  
F. A. Risch, President

STATE OF TEXAS       )  
COUNTY OF DALLAS   )

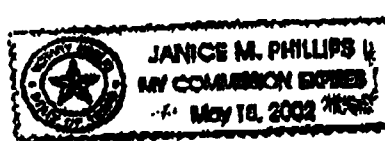
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
\_\_\_\_\_  
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]

  
\_\_\_\_\_  
NOTARY PUBLIC, STATE OF TEXAS



CSC  
CSC

5184334741

06/01 '01 09:01 NO. 411 02/02  
06/01 '01 09:06 NO. 133 04/04  
**F010601000187****CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

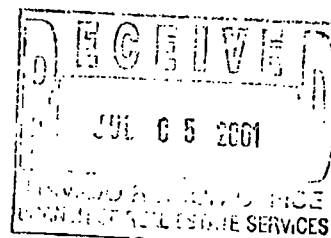
100 cc  
**STATE OF NEW YORK  
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

5959 Las Colinas Blvd.  
(Mailing address)TAX \$  
BY: SACIrving, TX 75039-2298  
(City, State and Zip code)

ny / Albany

Cust Ref # 165578 MPJ

**010601000195**

=&gt; CSC

, TEL=5184334741

06/01'01 08:19

*State of New York    } ss:  
Department of State }*

*I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.*

*Witness my hand and seal of the Department of State on*   **JUN 01 2001**



*Special Deputy Secretary of State*

## OPERATOR CHANGE WORKSHEET

## ROUTING

- |         |
|---------|
| 1. GLH  |
| 2. CDW  |
| 3. FILE |

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

<b>FROM:</b> (Old Operator):	<b>TO:</b> ( New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No.

Unit: MCELMO CREEK

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CREEK Q-12A	32-40S-25E	43-037-31677	5980	INDIAN	WI	A
NAVAJO TRIBE P-20 (R-09)	33-40S-25E	43-037-16147	5980	INDIAN	WI	A
NAVAJO P-9 (S-12)	33-40S-25E	43-037-16150	5980	INDIAN	WI	A
NAVAJO TRIBE P-13 (U-12)	33-40S-25E	43-037-16155	5980	INDIAN	WI	A
MCELMO CR T-09A	33-40S-25E	43-037-30080	5980	INDIAN	WI	A
NAVAJO TRIBE P-15 (S-10)	33-40S-25E	43-037-16375	99990	INDIAN	WI	A
NAVAJO TRIBE P-16 (U-10)	33-40S-25E	43-037-16381	99990	INDIAN	WI	A
MCELMO CR R-11A	33-40S-25E	43-037-30179	99990	INDIAN	WI	A
MCELMO CREEK G-14	01-41S-24E	43-037-16143	5980	INDIAN	WI	A
NAVAJO TRIBE R-5 (MCELMO G-16)	01-41S-24E	43-037-16144	5980	INDIAN	WI	A
MCELMO CREEK I-14	01-41S-24E	43-037-16145	5980	INDIAN	WI	A
NAVAJO 13-2 (MCELMO H-15)	01-41S-24E	43-037-15495	99990	INDIAN	WI	A
NAVAJO TRIBE R-4 (MCELMO F-13)	01-41S-24E	43-037-16345	99990	INDIAN	WI	A
NAVAJO TRIBE R-2 (MCELMO H-13)	01-41S-24E	43-037-16351	99990	INDIAN	WI	A
MCELMO CREEK U F-15A	01-41S-24E	43-037-31149	99990	INDIAN	WI	A
MCELMO CREEK E-16	02-41S-24E	43-037-15616	5980	INDIAN	WI	A
MCELMO CREEK C-14	02-41S-24E	43-037-16265	5980	INDIAN	WI	A
MCELMO CREEK E-14	02-41S-24E	43-037-16268	5980	INDIAN	WI	A
NAVAJO TRIBE 2B (MCELMO D-13)	02-41S-24E	43-037-16267	99990	INDIAN	WI	A
NAVAJO C-2 (MCELMO D-15)	02-41S-24E	43-037-16341	99990	INDIAN	WI	A

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
- Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
- If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

**NOTE: EPA ISSUES UIC PERMITS**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 80273197

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**6/1/2006**

**FROM:** (Old Operator):

N1855-ExxonMobil Oil Corporation  
 PO Box 4358  
 Houston, TX 77210-4358

Phone: 1 (281) 654-1936

**TO:** ( New Operator):

N2700-Resolute Natural Resources Company  
 1675 Broadway, Suite 1950  
 Denver, CO 80202

Phone: 1 (303) 534-4600

**CA No.**

**Unit:**

**MC ELMO (UIC)**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a  
 The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

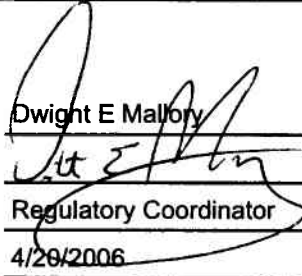
Well Name and Number See attached list	API Number Attached
Location of Well Footage : See attached list County : San Juan QQ, Section, Township, Range: State : UTAH	Field or Unit Name McElmo Creek Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

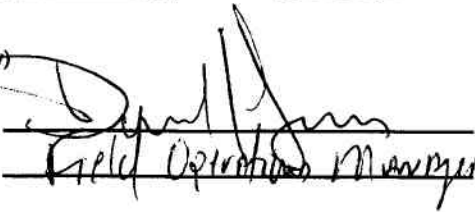
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: \_\_\_\_\_  
Address: PO Box 4358 Signature: \_\_\_\_\_  
city Houston state TX zip 77210-4358 Title: \_\_\_\_\_  
Phone: (281) 654-1936 Date: \_\_\_\_\_  
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory  
Address: 1675 Broadway, Suite 1950 Signature:   
city Denver state CO zip 80202 Title: Regulatory Coordinator  
Phone: (303) 534-4600 Date: 4/26/2006  
Comments: A list of affected UIC wells is attached.  
New bond numbers for these wells are:  
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:   
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E. Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED 6/22/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:  
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <u>San Juan</u>		8. WELL NAME and NUMBER: <u>McElmo Creek</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <u>UTAH</u>		9. API NUMBER: <u>attached</u>
		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie B. Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

**APPROVED** 6/22/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**APR 21 2006**

DIV. OF OIL, GAS & MINING

**GREATER ANETH FIELD UIC WELL LIST**  
**McElmo Creek lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

**GREATER ANETH FIELD UIC WELL LIST**  
**McElmo Creek lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

**GREATER ANETH FIELD UIC WELL LIST**  
**McElmo Creek lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL	
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL	
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL	
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL	
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL	
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL	
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL	
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL	
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL	
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL	
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL	